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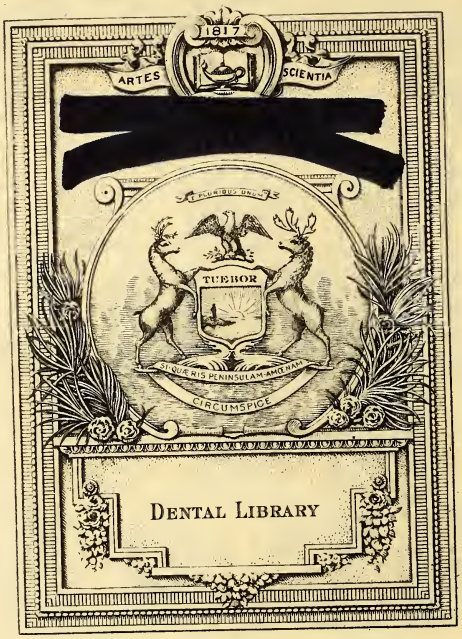

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TRANSACTIONS

OF THE

National Dental Association

AT THE

EIGHTEENTH ANNUAL MEETING

Rochester, New York

July 7, 8, 9, 10, 1914

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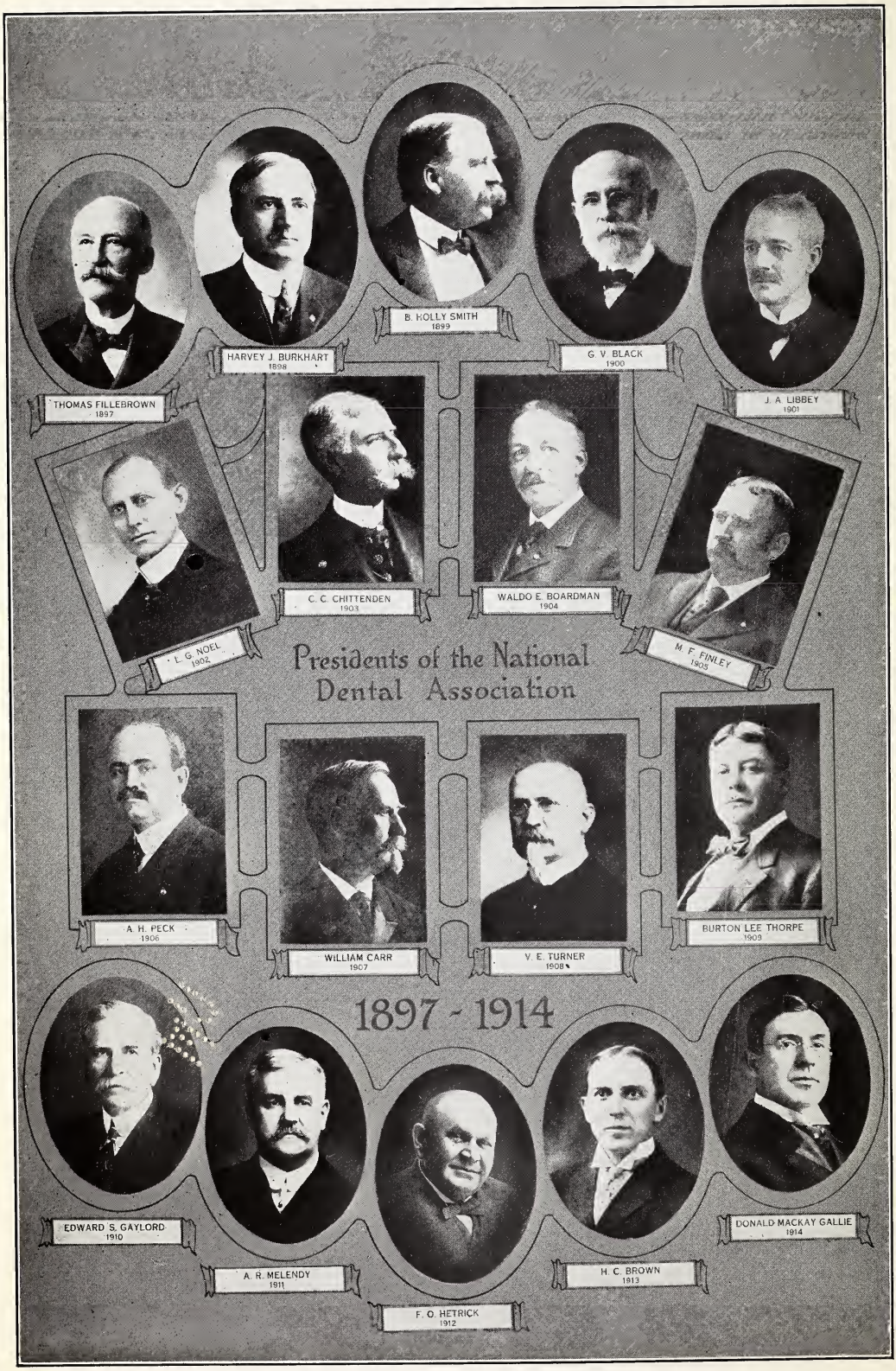
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TRANSACTIONS

OF THE

EIGHTEENTH ANNUAL MEETING OF THE NATIONAL DENTAL ASSOCIATION.

Held at Rochester, N. Y., July 7-10, 1914.

FIRST GENERAL SESSION

The first general session of the Eighteenth Annual Meeting of the National Dental Association was called to order at 11 o'clock Tuesday morning, July 7th in Assembly Hall, Exposition Park, Rochester, N. Y., by the President, Dr. Homer C. Brown, of Columbus, Ohio.

The President introduced the Rev. C. Waldo Cherry, of Rochester, who invoked the Divine blessing upon the deliberations of the Association.

THE PRESIDENT: Gov. Martin H. Glynn had expected to be present to welcome us in behalf of this great State, but in his absence he has delegated Dr. Downing to act for him on this occasion. I take pleasure in introducing to you Dr. Augustus S. Downing, Assistant Commissioner for Higher Education of the State of New York. (Applause).

Address of Welcome.

Mr. President, Ladies and Gentlemen:

It is a very unexpected but distinguished honor that comes to be my lot this morning, to present the sincere regrets of His Excellency, the Governor of this State, that he is, because of his official duties, unable to be present with you. In lieu of his presence, he has sent to you his greeting and welcome in the form of a letter which I have the honor now to read.

To the President and Members of the National Dental Association, Assembled in Rochester:

Ladies and Gentlemen:

I appreciate the invitation to meet the members of this conference, and regret that my engagements do not permit me to be present. This is perhaps the first time that my regret at foregoing a visit with members of your profession has been entirely sincere, for all other invitations have been from doctors of dentistry in their official capacity, and for professional purposes.

The reluctance with which the average man approaches the dentist's chair is in a way a measure of the usefulness of such gatherings as this. The more man dreads the operations which are necessary for his health and comfort, the greater is the need for co-operation which will make these operations easier and more comfortable. There is counsel as well as safety in numbers, and the foregathering of members of the dental profession from all over the country indicates that they are seeking an exchange of ideas which is the surest guarantee of progress, and, far from being indifferent to your deliberations, men from other walks of life are interested in the progress of your profession. This country should take an especial pride in the profession which you represent, for, just as we are apt to look abroad for leadership in medicine and surgery, the rest of the world looks to America for leadership in the field of dentistry.

I bespeak for you a pleasant and successful conference, and extend to our visitors from other commonwealths a cordial greeting on behalf of this State.

Yours sincerely,

MARTIN H. GLYNN.

(Applause.)

Ladies and Gentlemen:

It is no small nor insignificant distinction which you pay to this State by gathering in this, your Eighteenth Annual Convention. You come together as men and women, not as practitioners of dentistry only, but as men and women interested and concerned for the betterment of civic conditions. You come to discuss not only practical ways and means of following your profession, but also to study those questions which concern the conservation of public health and life. Within the last five years there has come to be a closer relationship and a better understanding between medicine and dentistry. This is evidenced in the presence this morning of the President of the American Medical Association, who will deliver one of the principal addresses. You are welcome to this great State of ours , for although my native state, Maryland, has the honor of having established the first dental college in this country, in 1839, the honor goes to the Empire State after all, for in 1868 it put upon the statute books the first law to regulate and control the profession of dentistry. And through all these years this State has been the leader in devising means and ways for progress in the dental profession and dental education. This State believes in control of the profession, not only dentistry, but medicine and law and pharmacy and optometry and, even so simple a profession, as it would seem to you, of chiropody.

It falls to the lot of the State Educational Department, whose immediate representative I am, to have the direction of all these affairs relating to the professions. These conferences which you will hold here will be an aid to us. We must look to the men from California and Maine and Tennessee, and all parts of this country, assembled as you are, not only to confer in regard to your own profession, but to give counsel and advice to us who are working with you toward the betterment of conditions.

This is a glorious State. You come here to her most beautiful city. I say that without disparagement to her sister city on the borders of Lake Erie or the great Metropolis in the southeastern part of the State. It is the most beautiful city in all the great United States, barring the one from which you come in your own mind. The Mayor and the Secretary of the Chamber of Commerce will tell you about that. (Laughter).

As you go through this great State, you will find there is no greater or more beautiful river in all the world than the Hudson, with all its scenery, with all its evidence of the growth of civilization. When you talk of mountains, of health-giving resorts, the Adirondacks are open to you. To all the joys and pleasures of this great State, we bid you welcome. If it is wealth that you want to observe, you will go to New York City, where it and the rest of the State has paid just one-half of the whole income tax of the country. That is only typical of the greatness of this State, and its greatness is only typical of the warmth of the welcome that we give to you who come here from all over this country.

You are working not only for the money that is in your profession, although that is absolutely necessary, but there is a far higher aim in this Association, and that is the preservation and conservation of public health and public life. Your work is not alone for your own immediate locality, but it is for the whole country, and not only for the country, but for the world, because this country leads all other countries in the world in its progress in the profession of dentistry. They look to us for ideals, and you make the ideals. The work that you do is sometimes wearisome, just a pure labor of love, but, as has been well said, the work is your religion and your religion is in your work, and one of these

days the president of this association and his associates and the rank and file that have given their life's blood for the benefit of the generations to come, will lay down the burden and nobody has put it for consolation in better words than that distinguished poet, Kipling:

And when the last picture is painted,
And the tubes are all twisted and dry,
And the oldest color has faded,
And the youngest critic has died,
We shall rest, and faith we shall need it,
Lie down for an aeon or two,
Until the Master of all good workmen
Sets us some new work to do.
And only the Master shall praise us,
And only the Master shall blame,
And no one shall work for money
And no one shall work for fame,
But each for the joy of the working,
Each in his separate star,
Shall draw the thing as he sees it,
For the God of all things as they are.

In behalf of the Governor of the State and all its citizens, I bid you, ladies and gentlemen, a most cordial welcome.

Welcome from the City of Rochester.

The president next introduced Hon. Hiram H. Edgerton, Mayor of the City of Rochester, who extends words of welcome on behalf of the city. (Applause).

Mr. President, Ladies and Gentlemen:

This morning at the breakfast table I told my daughter who was visiting me of this Convention, and of my appearing here today, and she said: "Tell them the story which I heard yesterday." It was of a young man who wanted to join the army, and go to the front and fight the Mexicans if it was necessary. He passed a splendid physical examination until they got to his teeth. They were found defective, and he was rejected. He was very much disappointed, and expressed his disappointment by saying "Have I got to eat them after I shoot them." (Laughter). If I could find that young man, I would bring him over to your free dental dispensary today and have him fixed up so they could make a good soldier out of him. I think you could do it in a very short time.

The last speaker said it was an unusual and distinguished honor to appear before you. It is a very distinguished honor for me to appear before you, but not an unusual one. It is unusual to appear before this particular convention, but Rochester in the past few years has become a great convention city, and it has been my privilege to extend the welcome of our city to many conventions consisting of all sorts of people, professional, business, fraternal, labor, religious and others. It is only a very few years since Rochester has been able to take care of a convention of this kind. Three years ago this beautiful park in which you now are was an abandoned juvenile prison, surrounded by a wall of stone twenty feet high. During that time this wall has been removed, these buildings renovated, some torn down and carted away, and it has been made, I believe, one of the best places for an exhibition and convention of your kind or any kind that can be found in this country. We have organized and started here an exposition, which is held every autumn, occupying all of these grounds, which has rivaled any other exposition of that kind held in this country in its three years of existence. And we expect this fall that it will outdo almost everything in that line. We invite you all to come to it.

We are very proud of Rochester. It is a city of homes, of happy and contented people, of parks and playgrounds, of splendid schools, of well paved and clean streets, well organized in every respect. We trust that you will not spend all of your time out here at this convention, but that you will take the opportunity of looking about our City, so that when you go away you will be convinced of the truth of what the last speaker has said as to its being the most beautiful city in all the land. Our parks are famous throughout this country, and the devel-

opment in recent years has been wonderful and remarkable. I am not going to make any extended speech; I am going to leave that to the silver-tongued orator from the Chamber of Commerce. He can talk to you by the hour, and he knows how to tell it much better than I do.

For my part, on behalf of the City I extend to you again a most hearty greeting, and, so far as it is possible for me to do so, I extend to you the freedom of our City. Go where you will, I feel sure you will be welcomed. I trust that your deliberations here will be such as to be of great benefit to your organization, and that you will go away with such pleasant memories of Rochester that you will want to come back again as soon as you can. (Applause).

THE PRESIDENT: I now present Mr. Roland B. Woodward, Secretary of the Chamber of Commerce of this City, who will speak in behalf of his organization.

Welcome from Chamber of Commerce.

Mr. President, and Ladies and Gentlemen:

I am really getting a little sensitive about these allusions to the length of my speeches, because so many men have approached me the last two or three weeks wondering whether I was going to talk thirty seconds or thirty minutes. And I am reminded of a young girl who got on the street car in Boston, and she had her hand carelessly in one end of her muff. An enterprising young man got in and sat down beside her. Seeing the opening, he thought he would take advantage of it, so he stuck his hand in the other end of the muff, and after he had grasped her hand firmly, she turned to him and said, "Now, young man, if I were not a Boston girl with poise and self-control, I would yell out and get you into trouble, but I will give you just ten minutes to take your hand out of there." (Laughter). If I meet a condition like that, I want at least ten minutes. But I need not tell you that you are welcome to Rochester. There is a welcome in the air which you breathe. There is a welcome in the appearance of the City. There is a welcome upon the faces of the people, and surely in their hearts, for you. And I think it is singularly happy, Mr. President, that this convention of idealists should come to a city of ideals. I know of no profession that is so interested in extending the service of its skill and its scientific knowledge than that of the dental profession, and I am very proud of the part that Rochester has played, through its free dental clinics, to help the children of Rochester to better health, to greater happiness, and to increased efficiency. Of course we are also proud of our great manufacturing institutions, fifteen or sixteen hundred of them, and we are proud of our great mercantile establishments, and we are proud of the deposits in our savings banks, those evidences of the thrift and frugality of our citizens, and we are proud of all our physical assets that indicate work laid up in store for the service of our citizens. However, in that respect Rochester differs very little from many cities in this land, and many of you have come from great centers of prosperity, wealth and power. But we are proud of Rochester for an entirely different reason than that. We are proud of the spirit of the city. We take pride in our parks, our play grounds, and our breathing spaces. We take pride in the fact that so many of our workmen own their own homes. We take pride in our schools and churches, and in that greatest product of the city, its children. So, no matter where you come from, whether you have come from the East with its culture and refinement, or whether you have come from the far Pacific Coast, where optimism is breathed in the air, just as the fragrance of its roses, or whether you have come from the broad prairies of the West, that typify the great and powerful sphere of

democracy, or whether you have come from that great and glorious and hospitable land of the South, you have come to a city that unites them all in its spirit of welcome to you. Our hearts are yours, our homes are yours, our parks, and everything that we have, to enjoy while you are here, and I can only say further that Rochester extends to you this morning her most distinguished consideration. (Applause).

THE PRESIDENT: My view of part of this audience has been obstructed by these beautiful flowers, and, being of an inquisitive nature, I wonder where they came from. I finally saw the corner of a card, on which I read, "Compliments of the Columbus Dental Society, Columbus, Ohio." (Applause).

"There's part of the sun in an apple,
There's part of the moon in a rose;
There's a part of the flaming Pleiades
In every leaf that grows.

"Out of the vast comes nearness,
For the God Whose love we sing
Lends a little of His Heaven
To every living thing."

Responses to the Addresses of Welcome.

The president then introduced Dr. B. Holly Smith, of Baltimore, who responded to the very cordial addresses of welcome, as follows:

Mr. President, Mr. Mayor, Mr. Secretary of the Chamber of Commerce, the Representative of the Governor, Ladies and Gentlemen:

I thought while the gentleman was speaking what a fine thing it was to be the governor of a State, or the mayor of a city, and especially such a mayor of such a beautiful city as Rochester, and then it occurred to me, what would you do if you were mayor or if you were governor? I know some of you fellows down there, like Barber and some of the other boys, who think they know me pretty well, would say, "If Holly Smith were mayor, the first thing he would do would be to write out a bundle of pardons, franchises and excuses, and then he would go out and smash some of the things that he didn't like. But you are wrong. I wouldn't do it. I am tolerably fond of a smash, but destructive executive action is never as beneficial to the people as constructive action. What I really would do, if I were governor or mayor, would be to establish a dental clinic in every public school in my state or city, so that there would be no more crying of the children by night. Gee, wouldn't that be bully? (Laughter and applause). But I am neither governor nor mayor, and it seems to me the only consolation I can get out of this job is to talk back to the Governor and the Mayor and the Secretary of the Chamber of Commerce.

I am chartered to run at least five minutes, and I do not believe, on such an occasion as this especially, I should abrogate your charter rights. I heard a story of an Irishman in New York who was trying to persuade one of his fellow countrymen not to go West, but to stay in this State, and he used it as the climax of his argument. "Why, Pat, me boy," he says, "this is a great state. Sure they don't even hang a man for murder in this state." Pat says, "What do they do with thim, then?" And Mike says "Why, they just kill thim by elocution." And I should imagine that is a very pleasant way for an Irishman to die, especially when the elocution is so imbued with cordial greetings and terms of hospitality. It is indeed a great pleasure to come into this Empire State with your great financial enterprises, your vast commercial affairs, your numberless factories and grand opportunities for education. We come here from all parts of this country, for the purpose of accomplishing something for the benefit of the people and our profession. We come not asking alms or begging favors, but we come bearing tribute from the skill, ingenuity, the knowledge, the liter-

ature, the methods of practice of our and allied professions the world over. We come preaching the doctrine of physical righteousness, to tell you how, when and why to do things for the relief of pain and disease. We come to fraternize. We come to meet those we have long loved. We come to recall the splendid and heroic deeds of those who meet with us no more. We come to meet your people, and to get acquainted with them, and to receive a splendid inspiration from the work that they have done. We come to admire your beautiful city and its environments. It is no small recommendation to Rochester that she is so free with her invitations to conventions, for these invitations involve not only her municipal officers, but her commercial interests, her scientific and professional organizations. We have heard of your splendid teaching along the line of oral hygiene, of your splendid social service campaign. The Rochester Movement, as it is called, has spread from one end of the land to the other. If in coming here we have met with your approval, we are happy and we thank you. (Applause).

THE PRESIDENT: Before proceeding further with the program, I have a brief statement to make. I attended the Annual Meeting of the New York State Dental Society and returning from there I was informed that Dr. Hofheinz and Dr. Jarvie were to sail the following morning for a trip abroad in order to recuperate. In behalf of our Association I prepared a telegram for Dr. Gilbert to send, after securing the name of their steamer, hoping it would reach them before sailing. It did not, but was forwarded. I have this letter from Dr. Hofheinz.

Wanheim, June 17, 1914.

Dr. Homer C. Brown, President of the National Dental Association.

Dear Mr. President and Gentlemen:

Your dispatch in behalf of the National Dental Association wishing myself, wife and Dr. Jarvie a pleasant and beneficial visit abroad, did not reach us on the steamer which left May 16th. It was forwarded in a letter by Dr. Gilbert, of Rochester, and I beg you to accept my sincerest thanks and appreciation.

It will please my old friends to know that my health has improved considerably and that I may again be able to take up some work in the profession which, I have practiced and loved for so many years.

Please accept my best wishes for a successful meeting in our beautiful city.

I take pleasure in enclosing my check for $50.00 to the fund which our National Dental Association has so nobly originated for the aged and needy members of our profession.

Thanking you again for the good wishes, believe me

Most sincerely yours,

RUD H. HOFHEINZ.

The President called the First Vice President, Dr. Charles Channing Allen, to the chair.

THE FIRST VICE PRESIDENT: We will now listen to the address of President Brown. (Applause).

(President's address published on page 3 October issue of the Bulletin.)

(President Resumes Chair.)

The next order of business as announced by the President was an oration by Dr. Victor C. Vaughan, President of the American Medical Association, Ann Arbor, Mich. Subject: "The Functions of Dentistry and Medicine in Race Betterment." (Published in October issue of Bulletin, page 14.)

The President then declared the general session adjourned until 8 p. m. Tuesday.

REPORTS OF RESEARCHES OF THE SCIENTIFIC FOUNDATION AND RESEARCH COMMISSION

SECOND GENERAL SESSION, TUESDAY, 8 P. M.

The second general session was called to order Tuesday, July 7th at 8:00 p. m. by the President, Dr. Homer C. Brown.

The President introduced the chairman of the evening and said in part:

In order that some of you may better understand what sacrifices have been necessary in order to bring about the results which have been accomplished by the Scientific Foundation and Research Commission, it may be interesting for you to know that in perfecting this organization to its present standard the chairman of this commission has attended 36 society meetings and gave 26 distinct stereopticon lectures. He has also given nine clinics in connection with some of these meetings and in this work. In addition to this he has attended eight conferences in different sections of the country. In doing this it was the chairman's intention to stand the personal expenses connected with this organization work, which exceeded one thousand dollars. He expected to contribute this in addition to his subscription, which, I assure you, was not a small one, but his co-workers appreciated what he had done and, against his wish, they would not accept it. However, there was one other course open and he took that. In doing this he accepted a refund of his personal expenses that he had incurred and then had the pleasure of making the first $1,000.00 contribution to the endowment fund (Applause).

I have been in close touch with the work that this commission has been doing, as well as the sacrifices that the various members of the commission have been called upon to make, and it is justly due these men that the profession give them the same co-operation, and additional, if possible, that they have been giving them the past eighteen months.

I take pleasure in presenting Dr. Weston A. Price, Chairman of the Research Commission, who will now take charge of the program for the evening (Applause).

DR. PRICE: Before starting our program, the chairman of the Clinical Committee, Dr. Conzett, has an announcement to make.

Thereupon, Dr. Conzett announced the plan for participation in the progressive clinic.

The President announced that the Panama-Pacific Congress will be held in San Francisco next year, that the chairman and secretary of that organization are attending this meeting and they have requested that the executive committees from the various states meet with them at one o'clock Thursday in the hall to the rear, and that Dr. Platt has some slides of views in connection with this exposition and that he would like to present them to this association and it has been arranged to do this Thursday evening following the scheduled program.

Ladies and Gentlemen:

I have a very particular pleasure in presenting now as the first speaker of the evening Dr. Thomas B. Hartzell, of Minneapolis, Minn., who will address you, reporting in a very brief way the important researches that he has been making for the commission and for you

on the relation of mouth infections to certain systematic infections. Dr. Hartzell will now address you.

Ladies and Gentlemen:

I would like to state in the beginning that we are not in a position to make deductions from any of the material presented here that are positive. Anything that I may show you will be a simple statement of fact of what has happened under certain conditions and I do not want in any way to compromise myself by stating as positively so anything that I am thus far reporting. I realize thoroughly that this work should be carried on for a period of at least five years before we would be justified in drawing definite conclusions to which you may pin your faith. However, the work is strongly suggestive of certain facts, of certain conditions, and you are at liberty to draw your own conclusions and to accord these facts such weight as you may see fit. I say this in justice to myself and to the research corps who have been at work on this problem.

(Dr. Hartzell's paper published on page 48, October issue of Bulletin.)

DR. PRICE: I hope it is clear to every one that none of your money has gone to Dr. Hartzell, personally, because is has been a rule of the commission that money has only been expended to furnish technicians, who would be eyes and ears to enlarge the capacity of certain men who had become so engrossed in problems and so earnest that they should be solved that they were already sacrificing themselves, and Dr. Hartzell was one of them, and I am sure that by your recognition you approve of our selection of Dr. Hartzell as one of the men who might use the money you have contributed to engage technicians to enlarge his output. (Applause).

DR. HARTZELL: I just want to take one minute of your time to say that my associates in this work have been Dr. Harold J. Leonard, hospital research worker, and Dr. A. J. Henrici, who has been a most earnest and enthusiastic worker, and who will be one of the foremost pathologists of this country if he lives.

DR. PRICE: The next series of studies will be presented by Dr. Russell W. Bunting, who has made investigations along the line of "Studies on Salivary Analysis." (Applause).

(Dr. Bunting's paper published on page 16, October issue of Bulletin.)

DR. PRICE: I wish, gentlemen, that you might be able to see the splendid volume Dr. Bunting has placed in my hands as including the splendid report of that work. The very nature in which it is compiled and illustrated demonstrates the thoroughness with which he has done that work.

Dr. G. V. Black, the veteran of all the living dental research men, could not be with us at this time, but he has sent the message that he is making progress and he does not wish to make a report yet. They are working on the problem of the salivary calculus and the studies of the peridental membrane.

Dr. Frederick B. Noyes was called unexpectedly and suddenly to Italy on account of the severe illness of a very dear friend. I got a telegram today in which he sent greetings to the commission and to the association and said that he would make his report on his return for publication and to announce progress at this time. Dr. Moorehead, who has been associated with Dr. Noyes in that work, will tell us briefly of the work they are contemplating. Dr. Moorehead. (Applause).

Mr. President, Ladies and Gentlemen:

I just want to make one simple statment and that statement is this: that the work in which Dr. Noyes is engaged is the study of the injury and repair of peridental membrane. We have conducted a series of experiments in which

we have used some fifty or sixty dogs. That is all the statement to be made at this time. In perhaps a year Dr. Noyes will have a statement to make about the peridental membrane, its vitality and its power of regeneration that we think will be of tremendous worth to the dental profession, and I can assure you that he will be busy upon his return from Europe and when he makes a report you can depend upon it as being worth a great deal.

The next order of business was the report of the National Research Commission, by Weston A. Price, Chairman.

(Report published in October issue of Bulletin, page 71.)

Dr. Henry W. Gillett, of New York City, was then introduced and made a statement of the work and an appeal to the members of the dental profession present and especially the New York State members to subscribe funds for the support of the work of the research commission.

Thereupon the session was declared adjourned.

THIRD GENERAL SESSION—JULY 8, 8:30 P. M.

Session called to order at 8:30 P. M. by President Brown.

THE PRESIDENT: Ladies and Gentlemen, the Third General Session of the National Dental Association will now come to order. In behalf of the Association I wish to express the deep appreciation of the dental profession for the privilege that is ours on this occasion. We have had with us at this meeting Dr. Victor C. Vaughan, the President of the American Medical Association. We are signally honored on this occasion by having with us our honored guest, Dr. Joseph Colt Bloodgood, of Johns Hopkins University. I take great pleasure at this time in presenting to you Dr. Bloodgood (Applause).

DR. BLOODGOOD: Mr. President, Members of the National Dental Association, Ladies and Gentlemen: I assure you that I appreciate this honor and this opportunity to bring before you some conditions that are on the border line between medicine and dentistry. I think you will all agree with me, and the medical world will also, that the dental profession guards, or at least if given an opportunity will guard, one of the most important portals or entrances or gateways thru which disease may enter the human body. I shall discuss tonight chiefly malignant diseases, but perhaps the larger group is the infections which find their way thru the mouth cavity. I shall not speak of your opportunities of preventing those infections, but shall confine myself to tumors or malignant disease. In the same sense, perhaps, you can prevent these diseases.

(Dr. Bloodgood's paper was published in the March issue of The Journal, page 1.)

PRESIDENT: We also are honored tonight to have with us Dr. Grover W. Wende, of Buffalo, N. Y., President of the New York State Medical Society, who will give us a paper on "Oral Manifestations in Syphillis." (Applause.)

(Paper will appear in later issue of Journal.)

Session adjourned.

FOURTH GENERAL SESSION—THURSDAY, 8:00 P. M.

The Fourth General Session was called to order Thursday, July 9th, at 8 P. M. by Dr. Henry A. Kelley, Portland, Me., chairman of Section I.

THE CHAIRMAN: The first paper this evening will be on "A Study of Root Canal Filling Materials," by Dr. J. R. Callahan, Cincinnati, Ohio.

(This paper will appear in a later issue of the Journal.)

THE CHAIRMAN: The next paper will be, "Technic for Making Impressions and Models for the Construction of Artificial Dentures." Demonstrated with motion pictures, by Dr. William A. Giffin, Detroit, Mich.

(Dr. Giffin's paper will appear in a later issue of The Journal.)

Dr. Frank L. Platt, of San Francisco, chairman of the Panama-Pacific Dental Congress Committee on Organization, was introduced and gave an illustrated talk on the Panama-Pacific Exposition Grounds, place where the Dental Congress will be held in 1915.

The fourth general session then adjourned.

FIFTH GENERAL SESSION—THURSDAY, 4:00 P. M.

The general session was called to order Thursday, July 9th at 4 P. M., by the president, Dr. Brown.

The first order of business as announced by the president was the installation of the newly elected officers.

The following officers were then duly installed: President, Donald Mackay Gallie, Suite 1012, Reliance Bldg., Chicago, Ill.; First Vice-President, Edward G. Link, 226 Cutler Bldg., Rochester, N. Y.; Second Vice-President, L. P. Dotterer, 102 Broad St., Charleston, S. C.; Third Vice-President, *T. E. Turner, St. Louis, Mo.; General Secretary, Otto U. King, Huntington, Indiana; Treasurer, *H. B. McFadden, Philadelphia, Pa.

Motion was then made and carried that the National Dental Association adjourn to meet in conjunction with the Panama-Pacific Dental Congress in San Francisco, Aug. 30, to Sept. 9, 1915.

*Deceased.

The Board of Trustees met in Chicago on February 27th, 1915, and elected Dr. Arthur R. Melendy Treasurer, Knoxville, Tennessee, to fill the unexpired term of Dr. H. B. McFadden. Dr. Clarence V. Watts, Des Moines, Iowa, was elected Third Vice-President, to fill the unexpired term of Dr. T. E. Turner.

SECTION PROCEEDINGS.

SECTION I.

Operative Dentistry, Nomenclature, Literature, Dental Education and Allied Subjects.

Chairman—Henry A. Kelley, Portland, Me.
Vice-Chairman—Frank Holland, Atlanta, Ga.
Secretary—H. E. Friesell, Pittsburg, Pa.

TUESDAY—First Session.

The first session of Section I was called to order Tuesday, July 7th, at 2 P. M., by the chairman, Dr. Henry A. Kelley, Portland, Me.

THE CHAIRMAN: Because of difficulty in arranging for the stereopticon slides in this room, the Essay of Dr. E. J. Eisen will be postponed until Thursday morning, and we will now take up the paper of Dr. Herbert L. Wheeler, of

New York City, on "Dental Literature, Its Past and Present." (Applause).

(Dr. Wheeler's paper will be published in a later issue of The Journal.)

THE CHAIRMAN: The reading of Dr. Eisen's paper will be postponed until Thursday, at 12 o'clock.

THE CHAIRMAN: The next session of this Section is to be held on Thursday, at 9:30 A. M.

Adjournment.

THURSDAY—Second Session.

The second session of Section I was called to order by the chairman, Dr. Henry A. Kelley, at 9:30 A. M., Thursday, July 9th.

THE CHAIRMAN: Our subject this morning is "Possibility of the Elimination of Pain from Dental Operations." This is a symposium.

(a) "General Anesthesia and Analgesia by Somnoform," by Dr. W. H. DeFord, Des Moines, Iowa.

(b) "General Anesthesia and Analgesia by Nitrous Oxide and Oxygen," by Dr. J. P. Henahan, Cleveland, Ohio.

(c) "Local Anesthesia of the Oral Cavity," by Dr. Kurt H. Thoma, Boston, Mass.

(d) "High Pressure Anesthesia," by Dr. W. T. Jackman, Cleveland, Ohio.

(This symposium published in August issue of The Journal, pages 193-208.)

THE CHAIRMAN: This section will now proceed to the election of its officers. The result of the election was as follows: Chairman, H. E. Friesell, 1206 Highland Bldg., Pittsburg, Pa.; Vice-Chairman, E. G. Coolidge, 59 E. Madison St., Chicago, Ill.; Secretary, DeLos L. Hill, Suite 610-12 Grant Bldg., Atlanta, Ga.

THE CHAIRMAN: By special arrangement, we will now adjourn to Assembly Hall No. 1, and take up the paper of Dr. Eisen on "Dental Radiography," which paper was postponed from the Tuesday afternoon session of this Section.

Adjourned.

THURSDAY—Second Session Continued.

The third session of Section I was called to order by the chairman, Dr. Henry A. Kelley, at 12 o'clock, Thursday, July 9th.

The first order of business as announced by the chairman was the reading of a paper by Dr. E. J. Eisen, Milwaukee, Wis., entitled "Interpretation of Dental Radiography."

(Dr. Eisen's paper was published in May issue of The Journal, page 83.)

THE CHAIRMAN: We should elect at this time a delegate from this Section to the House of Delegates.

Dr. John F. Biddle, Pittsburg, Pa., was nominated and elected to serve as the delegate from Section I in the House of Delegates.

THE CHAIRMAN: This section will now stand adjourned.

SECTION II.

Oral Surgery, Anatomy, Physiology, Histology, Pathology, Etiology, Prophylaxis, Oral Hygiene, Materia Medica and Allied Subjects.

Chairman—Carl D. Lucas, Indianapolis, Ind.
Vice-Chairman—W. A. Dean, Tampa, Fla.
Secretary—M. E. Vance, Lincoln, Neb.

WEDNESDAY—First Session.

Dr. Carl D. Lucas, of Indianapolis, Indiana, acted as chairman of the section and Dr. M. E. Vance, of Lincoln, Neb., secretary.

The session was called to order at 2 P. M. by the chairman.

THE CHAIRMAN: The officers of the Second Section of the National Dental Association, have gladly performed their duties according to their best abilities, and feel sure that the Members of the Association, here assembled, fully appreciate the high standard they have set in the securing of the Essayist and Respondants for this section of the program.

Therefore, it affords me great pleasure to introduce our first speaker, Dr. John Deans Patterson, of Kansas City, Mo., who will present the subject, "Pyorrhea Alveolaris, and Comments upon the Vaccine Treatment."

(Dr. Patterson's paper published in August issue of The Journal, page 234.)

THE CHAIRMAN: We have listened to a very timely and valuable paper upon an all-important subject, and in order to follow in sequence, another phase of Oral Prophylaxis will now be presented.

It is my pleasure to introduce to this Assembly, Dr. Charles H. Oakman, of Detroit, Mich., member of The Detroit Board of Health, who will present the subject, "Oral Hygiene."

(Dr. Oakman's paper, with discussion was published in March issue, page 20.)

THE CHAIRMAN: This completes the program for this session, and we will now adjourn.

THURSDAY—Second Session.

The second session of Section II was called to order at 2 P. M. Thursday July 9, by the chairman, Dr. Carl D. Lucas.

THE CHAIRMAN announced that according to the constitution and by-laws the next order of business was the election of a chairman, vice-chairman and secretary for Section II.

The result of the election was as follows: Chairman, Charles J. Lyons, Ann Arbor, Mich.; Vice-Chairman, F. P. Moorehead, People's Gas Bldg., Chicago, Ill.; Secretary, Mark E. Vance, Fraternity Bldg., Lincoln, Neb.

THE CHAIRMAN then introduced Dr. Chalmers J. Lyons, Ann Arbor, Mich., who read his paper entitled "The Pathological Significance of Impacted Teeth."

(Dr. Lyons' paper will be published in a later issue of The Journal.)

The next order of business was the reading of a paper by Dr. M. T. Barrett, Philadelphia, Pa., entitled "The Relation of Protozoa of the Mouth to Alveolar Pyorrhea."

(Dr. Barrett's paper will appear in a later issue of The Journal.)

Section II then adjourned.

SECTION III.

Prosthodontia, Orthodontia, Metallurgy, Chemistry and Allied Subjects.

Chairman—Charles R. Turner, Philadelphia, Pa.
Vice-Chairman—L. E. Custer, Dayton, Ohio.
Secretary—W. Ernest Walker, New Orleans, La.

TUESDAY—First Session.

Assembly Hall No. 2.

The first session of Section III was called to order by Vice Chairman, Dr. L. E. Custer, of Dayton, Ohio, Tuesday, July 7th, at 2 P. M. Dr. W. Ernest Walker, of New Orleans, La., acted as secretary.

The first order of business as announced by the chairman was the reading of a paper by Dr. Dayton Dunbar Campbell, Kansas City, Mo., the title of his paper being "Some Basic Principles and Methods in the Reproduction of Mandibular Movements."

DR. CAMPBELL: Mr. Chairman and Members of the National Dental Association: Only about one per cent of the dental profession care about prosthetic work, and I am gratified to see so many here this afternoon, because I take it you want to know something about how to make better plates.

The first slide bears the likeness of Dr. Gysi, one of the greatest of instrument makers. He seems to have been born with a certain mechanical instinct that was well adapted to the work he was to follow thru life, the making of instruments to secure the proper reproduction of mandibular movements. He is a mechanical genius, but he is keenly æsthetic also, and a humorist when you are able to discover that side of him. The next slide is the picture of Dr. George Henry Wilson, a man to whom I am indebted and grateful for many of the things I shall say in this paper.

(This paper will be published in the November issue of The Journal.)

THE SECRETARY: We will next have a paper by Dr. Alden J. Bush, of Columbus, Ohio, on "Proposed Classification of Fixed Bridgework, with Law Governing its Application."

(Paper published in August issue of The Journal, page 221.)

Section III then adjourned until Thursday at 9:30 A. M.

THURSDAY—Second Session.

The second session of Section III was called to order by the Vice Chairman, Dr. L. E. Custer, Dayton, O., at 9:30 A. M., Thursday, July 9th.

The first order of business as announced by the chairman was the reading of a paper by Dr. Carl B. Case, Milwaukee, Wis., entitled "Evolution of Bodily Movement of Teeth."

(This paper will appear in a later issue of The Journal.)

THE CHAIRMAN: The next paper on the program is one by Dr. Jules J. Sarrazin, of New Orleans, on the subject: "Properly Constructed Bridges and their Hygienic Care." Dr. Sarrazin. (Applause).

(This paper will be published in a later issue of The Journal.)

The following officers were elected: Chairman, C. W. Mills, Chillicothe, Ohio; Vice-Chairman, L. E. Custer, 28 North Ludlow St., Dayton, Ohio; Secretary, B. L. Shobe, Tulsa, Oklahoma.

Section III then adjourned.

STATE SOCIETY OFFICERS' SECTION.

WEDNESDAY, JULY 8, 2:00 P. M.

Chairman—C. R. Lawrence, Enid, Okla.
Vice-Chairman—Benjamin Sandy, Minneapolis, Minn.
Secretary—A. P. Burkhart, Auburn, N. Y.

WEDNESDAY—First Session.

The first session of the State Society Officers' Section was called to order on Wednesday, July 8th, at 2 P. M., by the vice-chairman, Dr. Benjamin Sandy, of Minneapolis, Minn. Dr. Sandy, in calling the meeting to order, said:

I believe it unnecessary at this time to dwell upon the importance of dental organizations, local, state and national, All great movements in the past have been fostered by these organizations and thru them the profession has been cemented together. We must never-theless admit that there are many evils and weaknesses in the present form of dental organizations. This is shown by the fact that in some of our state organizations, where, with one exception, I believe, the percentage of members to those eligible ranges from 15 to 60 per cent, when it should be 95 or 98 per cent. We should not have men with no executive training occupying for the first time positions of importance in the organizations, learning by experience rather than by training. These conditions are the excuse for the existence of this section. We have with us today men who have given a great deal of time and thought to these conditions, men who are past as well as present masters on the subject of organization work, and I take great pleasure in calling upon our president, Dr. Homer C. Brown, Columbus, Ohio., who will now read his paper entitled, "The Responsibilities of the State Society Officers." (Applause.)

(Dr. Brown's paper was published in May number of The Journal, page 101.)

THE CHAIRMAN then introduced Dr. Arthur D. Black, of Chicago, Ill., who read his paper entitled "The Conduct of State Societies and Their Components, in the Planning of Programs and Administration."

(Dr. Black's paper was published in May number of The Journal, page 110.)

The session then adjourned until Thursday, July 9th, at 2 P. M.

THURSDAY—Second Session.

The second session of the State Society Officers' Section was called to order on Thursday, July 9th, at 2 P. M. by the vice-chairman, Dr. Benjamin Sandy.

THE CHAIRMAN: The first thing on our program for this afternoon is a paper on "A State Society's Aim; Making Efficient Dentists," by Dr. Otto U. King, of Huntington, Indiana, General Secretary of the National Dental Association. (Applause.)

(Dr. King's paper will be published in a later issue of the Journal.)

THE CHAIRMAN: I regret to say that Dr. Price has been called home by the serious illness of his son, and his paper will not be read. This closes the program of this section at this time.

THE CHAIRMAN: The next order of business is the election of officers for the Section.

The election of officers resulted as follows: Chairman, Benjamin Sandy, Syndicate Bldg., Minneapolis, Minn; Vice-Chairman, C. R. Lawrence, Enid, Oklahoma; A. P. Burkhart, Secretary, 53 Genessee St., Auburn, N. Y.

There being no further business this State Society Officers' section adjourned.

PROCEEDINGS OF THE HOUSE OF DELEGATES OF THE NATIONAL DENTAL ASSOCIATION.

Held at Rochester, N. Y., July 7-10, 1914.

First Session—Monday, 10:30 A. M., July 6

The House of Delegates held its first session in the Powers Hotel, and was called to order by the president, Dr. Homer C. Brown, of Columbus, Ohio, at 10:30 a. m.

First in order was the roll call of the one hundred delegates that had been regularly enrolled and were entitled to seats in the House of Delegates.

The president then announced that the House of Delegates was ready to take up matters of business.

DR. H. J. BURKHART: In view of the fact that the Membership Committee of the Sixth International Dental Congress has discriminated against Americans practicing dentistry in the British Isles, and has refused to permit them to become members of that Congress, I believe we should adopt the following resolution: "Resolved that the President of this Association be directed to send a cablegram to the President of the Sixth International Dental Congress, to the effect that the National Dental Association learns with regret that American dentists practicing in the British Isles are not admitted to membership in that Congress, and that the National Dental Association expresses the hope that the rules will be changed so that American dentists practicing there may be admitted to full membership."

On motion of DR. B. HOLLY SMITH, of Baltimore, Maryland, which was duly seconded by Dr. W. E. Boardman, of Boston, Massachusetts, this resolution was adopted by a unanimous vote.

The unanimous consent was then given to the president to appoint a committee of three to draft the cablegram.

The President appointed Drs. H. J. Burkhart, B. Holly Smith and Waldo E. Boardman.

THE PRESIDENT: I have taken up with the state department at Washington the matter of our government accepting the invitation extended by the King to participate in the Sixth International

Dental Congress and the appointment of government delegates thereto.

However, it is necessary for Congress to authorize the acceptance of such invitation and the appointments of such delegates.

A bill was introduced, passed the Senate approved by the Foreign Relations Committee of the House, and is now before the House or subject to call. I have written letters to Speaker Clark, Senator Pomerene and Congressman Brumbaugh urging them, on behalf of the organized dental profession of the United States, to try to have this bill made a special order. It has been suggested it might be appropriate to send a message to the Speaker of the House in behalf of the National Dental Association requesting that S. J. Resolution 105 be passed.

DR. HERBERT L. WHEELER, of New York City, moved the adoption of a resolution urging the House of Representatives, the Speaker of the House, the Chairman of the Committee on Foreign Relations, Chairman of the Rules Committee, Congressmen Danford and Dunne of this district to pass the S. J. Resolution, No. 105 immediately, if possible.

This resolution was seconded by Dr. W. A. Giffen, of Detroit, Mich., and adopted by a unanimous vote.

THE PRESIDENT then announced that as all the states were not represented he would not appoint the reference committee until the next meeting of the House of Delegates.

DR. ARTHUR D. BLACK, of Chicago, then presented several proposed amendments to the Constitution and By-Laws. These Amendments were received and referred to the Committee on Amendments.

On motion of DR. BLACK, the Committee on Amendments were instructed to present a suggested grouping of states in accordance with the present membership for consideration in connection with the action taken on that proposed change. This motion was seconded by Dr. H. Clay Hassell and carried.

THE PRESIDENT: The Secretary has advised me that he has received $11,883, which means 11,883 members (Applause). In addition to this we are advised that Southern California will come in at this time with 400 more (Applause). Then there are a few states that have not yet met for their 1913-1914 meeting.

DR. BOTE: I just want to say that out of 65 naval dental surgeons, 54 have joined the Association. The others are in the Island Possessions, and as soon as we can get in touch with them they will all join (Applause).

THE PRESIDENT: We are just informed by the California delegation that before we are through California will have 1,000 members for us (Applause).

DR. BLACK: I move we recess at this time until tomorrow afternoon at three o'clock at Exposition Park.

(Motion seconded by Dr. Finley, and carried).

Second Session—Tuesday, 3:00 P. M., July 7

The House of Delegates held its second session at the Exposition Park, and was called to order by the president, Dr. Homer C. Brown, at 3 P. M.

Roll call of delegates.

Reading of minutes of meeting held at Powers Hotel, July 6, 1914. (See October Bulletin, pages 132-133.)

DR. E. A. BRYANT objected to the presentation of amendments and insisted that this be done in strict accordance with the constitution.

DR. H. J. BURKHART, Batavia, New York, at this point stated that the minutes as read were too voluminous.

VOTED that the minutes be approved.

The president announced the following reference committees:

SECTION OFFICERS AND SECTION WORK: Drs. R. H. Volland, Iowa; W. E. H. Caldwell, West Virginia, and C. S. Hardy, New Jersey.

COMMITTEE ON RULES OF ORDER: Drs. Wm. H. G. Logan, Illinois; E. S. Gaylord, Connecticut, and F. O. Hettrick, Kansas.

COMMITTEE ON DENTAL EDUCATION: Drs. Henry W. Morgan, Tennessee; T. A. Broadbent, Illinois, and H. S. Seip, Pennsylvania.

LEGISLATION: Drs. C. B. Gifford, Virginia; A. O. Ross, Ohio; and H. L. Wheeler, New York.

COMMITTEE ON AMENDMENTS TO CONSTITUTION: Drs. F. O. Hettrick, Kansas; Marcus L. Ward, Michigan, and Samuel H. McAfee, Louisiana.

COMMITTEE ON REPORT OF OFFICERS: (President's Address): Drs. Lafayette L. Barber, Ohio; Arthur M. Flood, California, and H. Clay Hassel, Alabama.

COMMITTEE ON CREDENTIALS: Drs. A. L. Midgley, Rhode Island; J. K. Douglas, Ohio, and L. P. Dotterer, South Carolina.

MISCELLANEOUS COMMITTEE: Drs. H. B. Tileston, Kentucky; J. H. Kennerly, Missouri, and W. E. Boardman, Massachusetts.

DR. E. A. BRYANT, Washington, D. C., requested that reference committees appointed by the president be confirmed by the House of Delegates, as called for by the Constitution and By-Laws. Dr. Logan moved that committees as appointed by the president be confirmed; seconded and carried.

REPORT OF COMMITTEE ON PRESIDENT'S ADDRESS

July 8th, 1914.

To the Officers and Members of the House of Delegates of the National Dental Association:

Your Committee on the President's Address beg leave to report as follows:

President's Address.

Your Committee wishes to commend the careful manner in which the president has reviewed the past year's work. It would have afforded the members of

your committee a great deal of pleasure to have commented upon the masterly address of the President and given each subject and paragraph the careful consideration it undoubtedly deserves. But owing to the exceedingly short time allowed your Committee, in which to not only consider this, but also the important reports of several committees we were compelled to consider the recommendations only. But we cannot refrain from giving due mention to, and commending him for the splendid work accomplished in the reorganization of the Association, and his unselfish sacrifice of time and energy in so successfully attaining this purpose.

Approval of Organizations.

Your Committee concurs in the recommendations of the approval of the purposes of the American School Hygiene Association, and the Race Betterment Congress, and the appointment of delegates to these meetings.

Miller Memorial.

Your Committee recommends that this Association send a suitable representation to participate in, and to officially represent the National Dental Association in the ceremonies attending the unveiling of the Memorial Monument erected in honor of the late Dr. Willoughby D. Miller at Columbus, Ohio.

National Dental Journal.

In the opinion of your Committee, this question is one of, if not the most important, that will be presented for the consideration of the House of Delegates at this Session.

It is the unanimous opinion of your Committee that a National Dental Journal should be published by this Association. We do not, however, believe that it is expedient to attempt the publication of a journal in 1915, for the reasons that this Association will not hold its regular Annual Meeting in 1915, having voted to participate in the proceedings of the Panama-Pacific Dental Congress, to be held in San Francisco; also owing to the probability that many of the members may not find it convenient to attend this meeting in San Francisco, we deem it inadvisable to incur the necessary raise in dues, which the publication of the Journal would necessitate. Therefore, your Committee recommends that the Association publish a Journal as early in 1916 as seems advisable.

Your Committee heartily commends the President's recommendation with reference to a Journal Commission, to be selected by the Board of Trustees, subject to the approval of the House of Delegates.

Increasing Dental Educational Standards.

The President's passing reference to the necessity of improved preparatory qualifications of the Dental Matriculate, and more particularly the necessity of a higher standard of qualification for practice, should be given more serious consideration by this Association. Referred to Reference Committee on Dental Education.

Research Commission.

In view of the fact that this commission has not as yet made a report, your Committee begs leave to pass this question for the present.

Legislative Committee.

Your Committee concurs in the action of the President relative to the proceedure in regard to House Bill 6282, and recommends that the House of Delegates follow his suggestion relative to sending a telegram to Senator Pomerene, advising him of the official action of the Association, and his further suggestions relative to the appointment of the legislative, public dental education, and oral hygiene committees are worthy of consideration.

Army Dental Corps.

Your Committee heartily endorses the recommendations of the President with reference to raising the standing of the Army and Navy Dental Corps, and would urge that the Legislative Committee to be elected be instructed to exert their best endeavors to accomplish this purpose.

Committee Questions.

Your Committee heartily approves the recommendations of the President with reference to the section on Committees and would respectfully refer the paragraph on Committee Questions to the Committee on Amendments.

Your Committee approves the suggestion of the President with reference to the combining of the Oral Hygiene and Public Dental Education Committees, and suggests that one Committee be appointed to be known as the Oral and Dental Hygiene and Public Education Committee, and that this Committee take up the question of the preparation of a School Text Book on Dental Hygiene, to report to the House of Delegates next year.

With reference to the suggestion of the President relative to the basis of representation in the House of Delegates in those State or territorial possessions, where more than one Society is recognized, your Committee is in full accord.

President-Elect.

With regard to this section of the President's address your Committee would respectfully refer the proposition to the Committee on Amendments, with the suggestion that provision be made for electing the President-elect in accordance with the recommendation, providing that adequate provision be made for a recall should occasion require.

In the part of the President's address in which he recommends that the restriction in the By-Laws, which makes a Trustee ineligible for the election to the office of a President or Vice-President, or President-elect, if the previous recommendations be adopted, we fully concur and respectfully request that this question be referred to the Committee on Amendments.

Printing of President's Address.

Your Committee is emphatically of the opinion that the President's address should be printed and placed in the hands of the Delegates immediately after reading.

Your Committee approves the President's recommendation that the proceedings of the 1914 meeting of the Southern Branch be published jointly with the proceedings of this Association.

Your Committee approves the recommendation that only members and guests of this society be admitted to its sessions and Clinics.

Your Committee concurs in the recommendations that the first sentence in Section 3, Chapter 4 of the By-Laws be stricken out; also to eliminate the words "Book 1, Book 2, Book 3, Book 4, and Book 5" in By-Laws. Also to eliminate Article 8 of the Constitution referring to Branches, respectfully referring the same to Committee on Amendments.

Law Committee's Report

The Law Committee's Report was fully considered and thoroughly discussed, and your committee heartily endorses the President's recommendation to continue the Committee, and also concur with the policy contained in the Report of this Committee.

Public Dental Education.

After a careful consideration of the report of this Committee, your Committee believes that they have done valuable work in this field, and feel that it is of such great importance that we recommend that this Committee be continued as a permanent Committee, and, therefore suggest that one Committee be appointed to be known as, The Dental Hygiene, and Public Education Committee, and that this Committee take up the question of the preparation of a School Text Book on Dental Hygiene, to report to the House of Delegates next year, as we have suggested in the report on the President's Address.

Respectfully submitted,

LAFAYETTE L. BARBER,
Chairman.
ARTHUR M. FLOOD,
H. CLAY HASSELL.

Discussion on seating of Dr. Richard Grady as delegate from the Navy Dental Corps. By unanimous consent, Dr. Wms. Donnally, of this Corps, was extended the privileges of the floor and stated that the Surgeon General of the Navy had held that under existing conditions no member of the Corps could be officially designated to represent the Corps in the House of Delegates at this meeting, but that he hoped to officially designate a delegate next year. The President stated that this was in conformity with a letter from Surgeon General Braidstead and ruled that under existing conditions no delegate could officially represent the Navy, but requested that the House of Delegates extend every possible courtesy to the representatives of the Navy Dental Corps.

THE PRESIDENT reported that a cable had been sent to the Secretary of the International Dental Congress and that telegrams had been sent to officials at Washington, as directed by the previous meeting. He also reported that he was in receipt of a telegram from his congressman (Brumbaugh) acknowledging his letter of Saturday and stating that the matter would be vigorously pushed.

The President called for report of Committee as the next order of business.

REPORT OF THE LAW COMMITTEE.

This Committee was appointed two years ago for the purpose of investigating conditions relative to defense of the members of this association against malpractise suits. During this time, the committee has been active, and has issued reports from time to time, the result being that committee was continued. This continuation of the committee is largely due to the importance of the issues involved.

There is no dentist who is immune from a damage suit. Because he has never had one he may feel that his reputation is secure. Who knows but that tomorrow may happen the slip of an instrument, an outraged patient, and a malpractise suit. Dentists are human and liable to err. The tissues involved are delicate, our patients are not always reasonable, thus we have a combination which brings about disaster.

It is not the money loss which most sorely afflicts the dentist when he loses the case, that is bad enough, but when he counts also the loss of his reputation, and his practise thereby, it becomes greater a thousand fold. A reputation that has taken years to establish may be destroyed by a successfully handled malpractise suit. Again there is a great loss of time, and the dentist, who is closely confined to his office, does not have it to spare. In a case of this kind it is absolutely necessary that the dentist be represented by the very ablest attorneys; for very largely his reputation lies in the hands of his attorney. The local attorney is rarely able alone to undertake the defense a dentist should have. It also requires the aid of an expert.

Court records show a constant increase in the number of damage suits, and with some of our ablest dental practitioners involved. These dentists never realize the worry, anxiety, loss of time and expense of such law suits until they become suddenly involved and had to protect their reputations against some imaginary cause for complaint. It is the part of prudence for every dentist to make provision against possible suits of this kind.

There are at present, excellent companies which for an annual premium will undertake this sort of defense. Owing to the cost involved in operating these companies, and the consequent high premium, only a few of our members have availed themselves of this method. A much better way of securing defense is thru the action of large professional organizations. A number of state medical societies now protect their members from alleged malpractise suits at a very small fraction of the cost exacted by insurance companies. Some dental societies also have done work in this line. Often these societies employ the same attorneys as do the insurance companies.

If this association should undertake this work, this committee should prepare an insurance policy covering all its members, and deposit the same with the secretary. This policy should agree to undertake the defense of any members sued for any work done while this policy was in force, and the costs and charges incidental to the trial shall be paid free of charge to the member. It would not be wise for the policy to undertake to pay judgments, since in some states this is considered illegal. This point is not of very great importance, however, for statistics show that there are very few cases ever lost to a dentist, where his society has undertaken his defense.

The funds for this work should be kept by the treasurer of this association, and should be kept separately from the regular funds in his keeping. Bills should be paid by vouchers and the books audited each year. As the reserve fund grows, it should be placed at interest, and allowed to accumulate. To operate this plan a very small sum is needed yearly, perhaps twenty-five cents (or fifty cents) a year per member. If some one year

we could collect an extra dollar to start the reserve fund, it would make us very safe. At least we could try it out on this basis as a starter. These yearly dues should be collected thru the same channels, along with the regular dues, from each member. The work of this defense should be conducted by a committee of this association, assisted by a General Counsel, whom they shall appoint. There should be elected from each state and district society, a committee of one to cooperate with your committee in handling local affairs. Owing to the fact that this work has been tried out in other organizations, your committee have no hesitation in recommending this plan. If it is not feasible to use funds for this purpose at this time, work could be started to get the organization in shape and committees elected for future work. We must remember, however, that the longer the delay, the longer we wait for the benefits.

Signed:

C. B. WARNER,
E. U. KENT,
J. A. LIBBEY,
Law Committee

ON MOTION, duly seconded, the Laws Committee Report was referred to Committee on Reports of Officers.

REPORT OF PUBLIC DENTAL EDUCATION COMMITTEE.

The education of the public along dental lines continues to make perceptible growth, and to show a reasonable advance for the last year. It is not desirable that there should be excessive agitation along this line. As a dignified profession, we should not countenance barn storming methods, for in the end more is lost than is gained by this kind of publicity. On the other hand it is not necessary that we sit idly by, when the need of public dental education is so great. It has even been suggested that we be not so strenuous and give the profession an opportunity to educate itself to the high standard of ability that we have been talking to the people about.

There are many legitimate methods of public dental education, among which may be mentioned the press, both thru newspapers and magazines, public lectures, booklets, moving picture films, dental inspection in the schools, the help given by other organizations, and the help given by our friends and patients.

Thru the medium, and assistance of, the newspapers, there has been printed in the last four years about 100,000 half column articles on the care of the teeth. This was done thru organized campaigns, by means of prepared plates sent to the newspapers. We are pleased to report that as a whole, the newspapers were very kind to us in this regard. In a few notable instances, some of the larger papers went back on their word, thus entailing loss and trouble for the committee. There is no possibility for this kind of loss to occur under our present method of handling—we learn by experience. We are having some good dental articles in our popular magazines. One magazine, at present writing which goes to over 2,000,000 subscribers, is now publishing a series of three dental articles written by one of the best men in the profession and many others during the year have carried single articles on this subject. This is a line of work, that by a little judicious handling, will produce valuable results.

The matter of public dental lectures deserves our earnest attention. While good work has been done in New York, Illinois, and some of the other states, yet we have barely scratched the ground for the harvest that is in store for us in this line. The public schools, the woman's clubs, and other organizations are always glad to have a speaker on such an important subject as the teeth. Heretofore, we have largely depended on a few well known speakers to do this work, and the result has been that they are overworked. We should have a few well written notes at hand that can be sent to any dentist, together with lantern slides, by which the ordinary dentist may be enabled to give a creditable address.

In the matter of booklets, we have depended too largely upon those issued by commercial houses. While a few of these are meritorious, yet there is no doubt that a well prepared booklet, that had no strings tied to it, would be more effective. This could be made authoritative, and such that it could be used by the most ethical dentist. Oftentimes it is much easier to pass a booklet to an inquiring patient, than to take the time for a long explanation. These booklets should be published at a very small cost. As a starter, the district societies should order them for distribution among their members, and insist that a certain number be given out yearly. We have not yet seen the booklet that is ideal for this purpose, but are of the opinion that one can be written that will be both entertaining and instructive.

Those men who promoted the plan of an educational dental moving picture film deserve great credit. There are now many films scattered all over the country, and they reach a class of people that is difficult to reach in any other way. This field ought not to be dropt for there are many valuable features in it. Possibly in the course of time we may be able thru financial, or other means, to induce film manufacturers to introduce in some of their commercial films, certain dental features which will have a beneficial effect.

Dental inspection in the schools continues to grow, but not as fast as it should. Our dental journals were full of it a year or two ago, but we do not hear so much about it now. We must not consider this a fad only for a short season, it is perhaps our greatest work of education and

must be approached with systematic energy until there will hardly be a school in the United States but what will be regularly inspected. One difficulty has been that the local dentists often do not know just how to proceed. A method of handling inspection in the most approved style from start to finish, should be worked out, and instructions sent to the local district societies. Already we have the earnest co-operation of the school authorities, by all means let us not let this opportunity slip.

There is one line of public dental education that has not been worked out as yet, but which is very efficient; we refer to allied organizations assisting in lines of public health. Among these organizations may be mentioned, the United Charities, the anti Tuberculosis League, the various state and civic public health conventions, and other similar organizations. These societies thru their circulars, charts, and lectures render the profession considerable aid, and would be in a position to do so very much more, if we were in a position to cooperate with them. This committee should be in a position to provide charts, photograph and other equipment necessary in the promotion of this line of work.

In the matter of publicity given to us by our patients and friends, we have no criticism to offer. They are doing nobly in this work, and are our greatest asset.

There is one other means of public dental education that has arisen in the past two years, and partly thru the efforts of this committee; we refer to the standard of advertising as now being adopted by commercial houses with dental preparations for sale. Many manufacturers in their advertisements, now call attention to the fact that teeth should be examined twice a year. Up-to-date methods of brushing the teeth, and instruction in the care of the gums are also included. A short time ago a leading manufacturer carried a full page illustration on the back of a prominent ladies journal, showing a school room with children having a tooth brush drill. Such intelligent advertising is a very good thing. As a result of this advertisement there is not a hamlet in this country but what some women have had notice brought to them that the better schools now have dental instruction. It would be well for this committee to be prepared to assist any manufacturers with such advice as they may ask for. Recommendations exchanged both ways between manufacturers and this committee concerning publicity would result in advantages to all and prevent any controversy arising between the profession and the manufacturers.

The program of this committee as thus outlined is a large one, and three things are necessary to put it into operation; they are, time, energy and organization. Our work has been greatly hampered because we have had no official organ by which we could reach every individual dentist. We hope that we shall soon have a worthy official journal, and a means of communication to all members as well as a publicity committee in local and state affairs. Your committee, if continued, should consist of five members, each of whom should have charge of one of the great divisions of this work. We advise that each state have a Public Dental Education Committee, and also each district society, to act in co-operation with this committee.

What we need is some good men on these committees, men that will work, and see that these things are accomplished. If such an organization can be effected, it will save the president of this society any worry as to whether the public are sufficiently educated. Instead of his worry will be, "Can we deliver the goods." In the near future, under such a system, it will mean to the public not merely having dental work done, but to have dental work done right, and at a commensurate fee.

Signed:

C. B. WARNER,
B. HOLLY SMITH,
CHARLES S. BUTLER,
Committee.

ON MOTION, duly seconded, the Public Education Committee Report was referred to Committee on Reports of officers.

REPORT OF COMMITTEE ON ORAL HYGIENE.

The Chairman of the Oral Hygiene Committee begs to submit the following report:

First, a friendly criticism and suggestion is offered regarding the appointment of such a committee. No matter how competent the personnel of a committee may be, if they are separated by a thousand or fifteen hundred miles, they are badly handicapped in working out the various problems that may confront them—especially for mouth hygiene.

Merely preaching the gospel of the tooth brush will not produce the results we, as a profession, hope to obtain. Your chairman believes that the work should be concentrated upon some definite effort or demonstration, the same as that which is done for research work. In order that such a demonstration may be carried out and the burden equally divided, the members of such a committee should be within a reasonable traveling distance of each other. In fact it would add to their efficiency if a majority of the committee were located in the same city. The time will come when the dental profession will accept some definite plan of action and then the committee can work to advantage from various parts of the country, but until that time comes a more effective work can be accomplished by concentrating the committee.

We have made an effort to advance mouth hygiene in four directions. First, by dental colleges.

Second, by asking the co-operation of the State Examining Boards to adopt an examination in prophylaxis. Third, by requesting the various state societies to feature their meetings with oral hygiene papers and clinics. Fourth, to produce a textbook that would outline a course for the education and training of Dental Hygienists.

Dr. W. H. G. Logan of Chicago reports that all but five dental colleges now have a course of lectures on oral hygiene. If the students graduating from the dental colleges can enter the profession with a knowledge of the importance of mouth hygiene and sufficiently trained to perform prophylactic treatments, it will be of great aid in the near future in spreading this important work.

Dr. Stanley L. Rich of Nashville, Tenn., reports that he has written to many of the state Boards and has received many encouraging letters. Practically all of the boards heard from are in favor of having examinations in prophylaxis and some of them have such examinations already in force. If the student in the college knew that it would be necessary to pass a theoretical as well as a practical examination on prophylaxis before he could secure a license to practise, a keen interest would be taken in the subject while in college.

Dr. C. A. Martin of Winfield, Kansas, reports the following regarding his efforts for mouth hygiene in dental societies in the West:

Dr. Alfred C. Fones, Chairman,

Bridgeport, Conn.

My dear Doctor:

On February 2nd. I addrest a circular letter, a copy of which I forwarded to you at the time, to The Secretary of the State Society of every state west of the Mississippi, requesting them to feature their State Program with Prophylactic Clinics and Oral Hygiene papers and lectures. I received favorable replies from the secretaries of Oklahoma, Missouri, Texas and Wyoming only. Texas is quite active in this field and thru the efforts of some of the members of the dental profession who are interested in this feature of the work, chapters on Oral Hygiene have been incorporated into the school textbooks. I regret very much to have to report that no greater enthusiasm was shown than would appear as the result of this letter. However, I feel that the seed has been sown from many sources and while results are not very apparent, I feel that the effort of the many men who are Oral Hygiene enthusiasts have not been in vain. Of course, as far as my own state is concerned, I feel that much has been accomplished along this line. Our meeting was featured with both papers and clinics, and we were especially fortunate in securing Dr. Gillette Hayden of Columbus, Ohio, who instilled a great deal of enthusiasm into the members of the society.

In conclusion I wish to make a few suggestions. After six or seven years of active interest in this work, I have reached the conclusion that the most practical solution for the present is the introduction of the school nurse into the public schools. The nurse to be a general hygienist whose duty it will be to look after everything pertaining to the physical welfare of the child, make recommendations to school boards and parents and to make visits to the home, teaching general hygiene from every angle. I think it behooves the dentist to broaden out in his ideas on hygiene, and while he should always specialize in his particular field, yet he should make recommendations pertaining to the whole body.

The school clinic, school inspection, text books and teaching will have a very beneficial effect, but we will be following this endless chain several generations from now unless we acquire a knowledge that will enable us to make recommendations in this generation which in the course of two or three generations following, will permit nature to build a perfect dentition, as we know she will do when she is unhandicapped, each tooth typical in its form; its contact with fellow perfect and its occlusion normal. As artisans we are only a few steps from the ideal, so if we expect to advance we must advance to our ideal.

Respectfully submitted,

C. A. MARTIN.

June 15, 1914.

Dr. C. M. Gearhart of Washington, D. C., has made no report.

The reason that your chairman undertook to formulate a text book for the education of the Dental Hygienist can best be told by quoting the preface of this book which is to be published by Lea & Febiger of Philadelphia and will be ready in the early fall.

The Preface reads as follows:

Dentistry is in a position today where the subject of mouth hygiene must be solved in a practical manner. The medical profession is now beginning to realize that unsanitary mouths with diseased teeth are a very potent factor for ill health and systemic infection.

Altho many of the leading investigators and writers of the dental profession have repeatedly called attention to the mouth as a cause for systemic disease, the cry has not been heard by the mother profession until a comparatively recent period. Now that we know that this gateway to the body must be kept clean, the teeth sound and the gum tissue maintained in a healthy condition, the question arises how such an enormous work that is before our profession can be successfully accomplished. Surely the dentists alone cannot cope with it.

Judging from the condition of the mouths of the children in our public schools, fully ninety per cent of our population in this country has decayed teeth. If all of the dentists in the United States devoted all of their time to reparative work alone, they could not care for one-eighth of the people. But operative dentistry is expensive. It is beyond the means of the great working

class who need sound teeth and good health. There must be some cheaper and better solution than merely to follow the endless chain of repair. We must get at the source of this universal disease and try to check it by educational and preventive means.

The source is the children in our public schools. We know that with extreme cleanliness, the elimination of improper foods and with surface treatments of the teeth at regular intervals, fully ninety per cent of dental decay can be eliminated. If this knowledge and service can be given to the children as well as to those who are patients in private practise who is to give it? Apparently the only solution seems to be the woman who has been educated and trained as a Dentist Hygienist.

This is woman's work and there is an immense field open for thousands of women in dental offices and public institutions. Such a course of education and instruction should be annexed to the training of the medical nurse as her services for mouth hygiene in the hospitals and sanitariums would soon prove to be invaluable. The statement has been made repeatedly, "Where are we going to secure such women, educated and trained as Dental Hygienists? Where are they to secure such an education? What should constitute such a course for lectures and practical training? Are there text books that they may study to comprehend and perfect themselves in this preventive work?"

The main object of this publication is to present a definite answer to these questions—"An educational Course for Dental Hygienists"—that will prove to be something definite and tangible at the start.

In the fall of 1913, the men whose names appear as lecturers, were approached and asked if they would aid in such a cause, if they would come to Bridgeport and deliver their lectures to a class of thirty women, the lectures to be taken down in shorthand, sent to them for correction and condensing so that the pith of the subject might be published in a text book for the education of these women assistants in prophylaxis.

Hardly without exception the men asked agreed to come and when we consider the list of names and what such a sacrifice of time and trouble meant to them, it shows that the milk of human kindness and the desire to help others is quite plentiful on the top. The lectures were held in the evenings on Mondays, Wednesdays and Fridays and with the exception of a vacation at Christmas time, ran from the seventeenth of November until the thirtieth of March. Of the fifty-one lectures delivered, but one man failed to keep one of his lecture dates and that was on account of illness. The time was needed for another lecturer who used it and at a later date two lectures were given in one evening.

The class assembled at seven-thirty and a review of the previous lectures was taken up by one of the quizz-masters. At eight o'clock the lecturer of the evening stept on the platform and lectured until nine-thirty or until train time. Eleven written examinations were held, and out of the class of thirty-two all but six past above seventy per cent, nine passing above ninety.

The most we could hope for in such a course of lectures was to give the student a good reading knowledge and an intelligent grasp of the various subjects presented.

It is our earnest desire that educational institutions, such as dental colleges, will take up this work and establish a course of education and training for women as Dental Hygienists. We believe that the title, Dental Nurse, is a misnomer as these women are not to perform any service that resembles the work of a medical nurse. They are prophylactic operators and although they have a knowledge of dental diseases, their services are limited by law to the plus side of the health line. When the value of such a service as theirs is fully appreciated by the dental and medical professions, there will be a great demand for these practical workers for mouth hygiene, not only in private office but in public schools. It is our hope that this educational course will help to speed the day.

Aside from our obligation to the lecturers, quizz masters, a loyal office force and a number of kind friends who are influential in the dental profession and whose aid proved so valuable, we are also grateful to the S. S. White Dental Manufacturing Company for their display of generosity in loaning us sixteen new Diamond chairs for our course in practical training.

Lecturers.

Raymond C. Osburn, Ph. D., Professor in Barnard College, Columbia University, New York City.

Alexander M. Prince, M. D., Instructor in Medicine and Physiology, Medical Department of Yale University.

L. F. Rettger, Ph. D., Assistant Professor in Bacteriology, Sheffield Scientific School of Yale University.

R. H. W. Strang, M. D., D. D. S., Bridgeport, Conn., Specialist in Orthodontia.

George M. McKee. Instructor in Dermatology, College of Physicians and surgeons, New York City.

Edward S. Kirk, Sc. D., D. D. S., Dean of Dental Department, University of Pennsylvania.

Eugene H. Smith, D. M. D., Dean of Dental Department, Harvard University.

M. L. Rhein, M. D., D. D. S., New York City, Lecturer on Pathology, Dental Department, University of Pennsylvania.

R. G. Hutchinson, Jr., D. D. S., New York City, Specialist in Treatment of Pyorrhea Alveolaris.

R. Ottolengui, M. D. S., New York City, Editor of Items of Interest.

Chas. M. Turner, M. D., D. D. S., Professor of

Mechanical Dentistry and Metallurgy, Dental Department, University of Pennsylvania.

Leroy S. M. Miner, M. D., D. M. D., Assistant Professor in Surgery, Harvard Dental School.

Russell H. Chittenden, Ph. D., L. L. D., Sc. D., Director of Sheffield Scientific School of Yale University.

M. I. Schamberg, M. D., D. D. S., New York City, Specialist in Oral Surgery.

C. Ward Crampton, M. D., Hygienist and Director in Physical Training, Public School System, New York City.

Herman E. S. Chayes, D. D. S., New York City.

Professor Irving Fisher of Yale University, Chairman of Committee of One Hundred on National Hygiene.

William G. Anderson, Dr. P. H., M. D., Professor and Director of Yale University Gymnasium.

Thaddeus P. Hyatt, D. D. S., New York City.

Miss Cordelia O'Neill, Cleveland, Ohio, Principal of Marion School.

Alfred C. Fones, D. D. S., Bridgeport, Conn.

Quizz Masters.

R. H. W. Strang, M. D., D. D. S., Bridgeport, Conn.

T. A. Ganung, D. D. S., Bridgeport, Conn.

W. J. McLaughlin, D. D. S., Bridgeport, Conn.

A. C. Fones, D. D. S., Bridgeport, Conn.

Secretary of Lecture and Practical Courses, Mrs. J. I. Newman, Bridgeport, Conn.

Stenographer for Lecture Course, George S. Hawley, Court Stenographer, Bridgeport, Conn.

Commencing the eighth of April, a seven weeks' course in practical training was held, the first three weeks of which being devoted to instruction and to practise on manikins, the next two weeks to work on children, over five hundred receiving treatment and instruction in mouth hygiene, and the last two weeks to work on adults, to the number of over two hundred. We feel that at the end of this practical course each of the stuudents who were graduated has an intelligent idea of dental prophylaxis, and considering the short time given to the practical course, many of them developed a high degree of skill in handling instruments and polishers.

To give the members of the National Association a more comprehensive idea of this educational work, a series of photographs are on exhibition at this meeting that will show the work accomplished in its successive stages.

It is not the intention of your chairman, at least for the present, to repeat this course in Bridgeport. The establishment of an educational and prophylactic dental clinic in the public schools of that city will occupy his time for the next year or two. We believe that there is great need of a book on Mouth Hygiene for the teachers and pupils in our public schools and it is the earnest desire of your Committee that the President oe empowered to appoint a committee of three to present such a book for the approval of the Committee on Dental Education that may be used as a text book on Mouth Hygiene in our public schools thruout the United States.

Respectfully submitted,

W. H. G. LOGAN,
CLYDE M. GEARHART,
C. A. MARTIN,
STANLEY L. RICH,
ALFRED C. FONES, Chairman.

June 15th, 1914.

ON MOTION, duly seconded, the Oral Hygiene Committee Report was referred to Committee on Reports of Officers.

REPORT OF COMMITTEE ON TRANSPORTATION AND PLACE OF SESSION.

To the House of Delegates:

Your Committee on Transportation and Place of Session, respectfully report that in February, 1914, they applied to all of the Railway Transportation Associations of United States and Canada, for a concession of the railway transportation rates for members at points in their respective territories, who wish to attend the National Dental Association meeting at Rochester, New York, July 6-10th, 1914.

None of the above Railway Associations would take action upon the matter until after April 15th,

All but one of the Associations finally reported to your Committee the action of their Board either favorably or unfavorably.

A number of the Associations granted a concession of two cents per mile. Other Associations advised your Transportation Committee that the summer excursion rate adopted by their Association, in some instances exceeded a reduction of more than two cents a mile and therefore recommended the employment of the general excursion tickets offered by their Association to Rochester, or to near-by, contiguous points.

Your Transportation Committee prepared a schedule, noting the concession in passenger railway rates and plan of excursion rates from the territories controlled by each of the railway associations, with suggestions, including all necessary information obtainable and presented copies to the dental journals of the states and Canada, with the request that they publish the same in their June number. These copies were forwarded to the journals early in May. It was intended that they be forwarded earlier. Some valuable information well to be added was finally obtained a little later and was forwarded. Also a copy of the schedule was forwarded to the Secretary of the National Association and published in the June number of the Association Bulletin, which was forwarded to all members of the Association.

Your Committee on Transportation and Place of Session submits the following report regarding the place of Meeting of the Association in 1915, and calls attention to the unanimous action of the Na-

tional Dental Association at the Washington meeting of 1912, in accepting the invitation of the Committee of the Organization of the Panama Pacific Dental Congress to meet in conjunction with them at San Francisco, in 1915.

Again at the meeting of the National Association at Kansas City, July, 1913, the plan of the National Association meeting at San Francisco, in 1915, was fully discust. The Congresses to assemble on August 30th, 1915, and continue in session ten days, not including Sunday. It is understood that the meeting is to be held in the new Million Dollar Auditorium.

VICTOR H. JACKSON, Chairman,
40 East 41st St., New York.
H. F. HOFFMAN, Denver, Colo.
L. P. DOTTERER, Charleston, S. C.
T. SYDNEY SMITH, Palo-Alto, Cal.
WM. W. BELCHER, Rochester, N. Y.

Rochester, New York, July 6-10th, 1914.

ON MOTION the report was adopted.

DR. BURKHART recommended that the President and Secretary formulate an order of business between now and the next session of the House of Delegates, and that the chairman of the different committees be notified to have their reports ready.

DR. FRANK L. PLATT, of San Francisco, California, spoke in behalf of Panama Pacific Dental Congress to be held in San Francisco, Cal., Aug. 30 to Sept. 9, 1915.

ON MOTION of Dr. Logan, which was duly seconded, it was voted that this meeting recess until 4:00 o'clock tomorrow, July 8, at Exposition Park, same building.

Third Session—Wednesday, 4:00 P. M., July 8

The third session of House of Delegates was held at Exposition Park July 8 at 4:00 P. M.

Dr. Brown, the president, called the meeting to order.

Roll call of delegates.

The President announced that he had received a telegram from Congressman Brumbaugh advising him that S. J. Resolution, authorizing the appointment of governmental delegates to Sixth International Dental Congress had passed the House. This information was enthusiastically received.

Discussion in relation to Sixth International Dental Congress at London.

VOTED that the gentlemen referred to, who are ethical practitioners of dentistry in the British provinces, be made associate members of this Association and that credentials, signed in blank, be taken by our representatives to London and awarded to them.

The President called on Chairman of Rules and Order Committee to report order of business.

COMMITTEE ON RULES AND ORDER OF BUSINESS: Reported that they had agreed that the Committee on Reports of Officers shall be heard first, followed by the Report of the Committee on Amendments, to be followed by the reports of other chairmen having reports to make.

(At this point the President called for either the 1st, 2nd, or 3rd Vice President, but none of them being present, Dr. W. H. G. Logan was called to the chair while the President's address was under consideration.

Report on President's Address read by Dr. L. L. Barber.

(Report published in Official Bulletin, Vol. 1, No. 4, Pages 133-135.)

VOTED that the report of Committee on President's Address be received and that such parts of the President's Address as are not referred to committees be discussed at this time.

Discussion on President's Address.

VOTED to adopt recommendation in regard to Miller Memorial.

ON MOTION by Dr. Wheeler, seconded by Dr. Hopkins, Maryland, it was

VOTED that the portion of the President's Address in regard to National Dental Journal be referred to Committee on Dental Journal and Committee on Amendments to Constitution.

REPORT OF COMMITTEE ON INCREASING DENTAL EDUCATIONAL STANDARDS:

ON MOTION by Dr. A. C. Rich, New York, seconded by Dr. Wheeler, it was

VOTED to refer this to Committee on Dental Education.

ON MOTION BY DR. RICH, seconded by Dr. Wheeler, it was

VOTED that the recommendations in relation to Research Commission and Legislative Committee be approved.

Discussion on H. R. 6282 (Drug Bill).

VOTED that the president's recommendation in this matter be approved.

ON MOTION OF DR. BRYANT, seconded by Dr. West, it was

VOTED that the recommendation in relation to Army and Navy Dental Corps be referred to the Legislative Committee.

VOTED that the committee question be referred to Committee on Amendments.

Discussion in relation to Dental Hygiene and Public Education. A motion by Dr. B. Holly Smith, Maryland, seconded by Dr. Warner, that the word "oral" be substituted for "dental" in this section, was not carried.

At this point the president explained that there was no provision in the by-laws for an Oral Hygiene and Public Education Committee, and it was

VOTED that this be referred to the Amendment Committee.

Discussion on representation in House of Delegates.

VOTED that the President's recommendation be adopted.

DISCUSSION on President-elect. On motion by Dr. Barber, Ohio, seconded by Dr. M. F. Finley, Washington, D. C., it was

VOTED that this matter be referred to Committee on Amendments with instruction to prepare amendment to provide for a president-elect.

Discussion in relation to restriction in by-laws which makes a member of the Board of Trustees ineligible to the office of president or vice-president.

VOTED that this matter be referred to Committee on Amendments with instruction to prepare amendment to provide for a president-elect.

VOTED that it be the sense of the House of Delegates that the recommendation of the President, as recommended by the Committee on President's Address, with reference to election of President-elect, be adopted, provided that an adequate measure will be provided which will permit the recall of a president-elect should the occasion require.

PRINTING OF PRESIDENT'S ADDRESS: On motion by Dr. J. M. Barcus, Illinois, seconded by Dr. Geo. N. West, Illinois, it was

VOTED that the recommendation be adopted.

AMERICAN SCHOOL HYGIENE AND RACE BETTERMENT CONGRESS: On motion by Dr. Henry Fowler, New Jersey, seconded by Dr. Hopkins, it was

VOTED that this recommendation be adopted.

The recommendation that the proceedings of 1914 meetings of the Southern Branch be published jointly with the proceedings of this Association. On motion by Dr. Kennerly, seconded by Dr. West, it was

VOTED that this recommendation be adopted.

VOTED that only members and guests be admitted to sessions and clinics.

Striking out first sentence of section 3 of the by-laws.

VOTED to refer to Committee on Amendments.

LAW COMMITTEE REPORT. On motion by Dr. West, seconded by Dr. Boardman, it was

VOTED that the recommendations be adopted.

PUBLIC DENTAL EDUCATION COMMITTEE REPORT. On motion by Dr. Bryant, seconded by Br. L. E. Custer, Ohio, it was

VOTED that this recommendation be adopted. Amended to embody Dr. B. Holly Smith's suggestion that "Oral" be added to read "Oral and Dental".

At the conclusion of the report of the Committee on the President's address, Dr. Brown again took the chair.

REPORT OF COMMITTEE ON AMENDMENTS TO CONSTITUTION: (As stated by Dr. Hettrick, no report being read.)

"Some of these articles we recommend their adoption as we will give them to you.

"In reference to the changing of Article XI, we find such a division of opinion that we bring the matter to the House for recommendation. Except as I will note to you as we come to it, that is in reference to dividing the country into districts, the committee were not unanimous but we bring it before you for your consideration, but the rest that I shall read we recommend its adoption or expulsion."

ARTICLE IV, SECTION 1: Upon a majority vote of the Board of Trustees. We would recommend that this be "upon a majority vote of the House of Delegates."

ARTICLE IV, SECTION 1. We recommend adding the words "upon a majority vote of the House of Delegates" instead of "upon a majority vote of the Board of Trustees, so that this section shall read: "State and Territorial Societies which have, or which hereafter may become organized in conformity with the general plan of the National Dental Association, and which have declared their allegiance to said National Dental Association, and which shall agree to the formation and perpetuation of the House of Delegates, shall be recognized as Constituent Societies upon a majority vote of the House of Delegates."

A MOTION by Dr. Rich, seconded by Dr. Wheeler, that this section be adopted, was defeated, and on substitute motion it was

VOTED that the words "Board of Trustees" be adopted instead of "House of Delegates."

ARTICLE IV, SECTION 2: We have stricken out entirely and add to Article V a new section 3, reading: "In those states or territories in which more than one society is recognized as a constituent, the total number of delegates from such state or territory shall be computed on the total number of members enrolled in the National Dental Association from such state or territory, and the number of delegates from such constituent societies in each state or territory shall be in proportion to the membership of each."

ON MOTION this section was adopted.

ARTICLE VIII. Change to read: "The House of Delegates may create such branch organizations as may be deemed essential to the welfare of the National Dental Association and of the dental profession." Not seeing that there should be other branches, we recommend that this section be stricken out, and it was

VOTED that this recommendation be adopted.

VOTED to strike out section 3, Article 10, of the Constitution.

VOTED also to strike out Sections 3 and 5, Article 11.

In reference of Article XI—Transfer present Sec. 1 to Sec. 2, and substitute for present Sec. 2 the following Sec. 1. There shall be a Board of Trustees, etc. We strike that out and go to paragraph 2, which reads: "Change numbers of present Sec's. 3 and 4 to 4 and 5 respectively, and add a new Sec. 3 as follows: Each member of the Board of Trustees shall be elected from one of the nine districts into which the Constituent Societies shall be grouped for this purpose, as provided in Chapter VII, Section 2 (new) of the By-Laws."

This is the part we bring to you for discussion. We have had open meetings at which members interested came and discust it. We find there is a difference of opinion, so we bring it to you for adoption or rejection. (Dr. Hettrick then read Section 2 of Chapter VII, as follows:)

"To carry out the provision in Article XI, Section 3, of the Constitution, the House of Delegates shall authorize the grouping of the Constituent Societies into nine districts, each district having about one-ninth of the active members of the Association. The House of Delegates may at any session authorize a revision of such districts, whenever changes in the membership of the Association may indicate the desirability of so doing.

On the occasion of the Annual Meeting of the Association, the delegates from the Constituent Societies in each of those districts in which the term of office of the trustee is about to expire, shall hold a meeting for the purpose of making nominations for a new trustee. Such meeting shall in each case be called by the trustee whose term is about to expire, or by someone appointed by the president if such trustee should be absent, and notice of the time and place of such meeting shall be given to each delegate from the particular district.

At such meetings the delegates shall nominate one or more trustees, whose names shall be presented to the House of Delegates. Nominations shall be made under the following rules. In case one member receives the unanimous vote of the delegates of the district, the one name only shall be presented to the House of Delegates as the nominee of the District. In case one member receives a majority vote, the minority delegates may select a second nominee. In case no one member receives a majority vote, after two ballots have been cast, the member receiving the highest, next highest, and third highest vote shall be the nominees from such district. The name of the nominees shall be handed to the General Secretary, together with the vote which each nominee receives, and both the names and the vote shall be announced to the House of Delegates, by the General Secretary. A nominating speech of two minutes may be allowed in behalf of each nominee.

VOTED that this recommendation be adopted.

In the By-Laws, we recommend striking out headings Book I. Membership. Book II. Delegates. Book III. Book IV. Book V.

VOTED that this recommendation be adopted.

To replace Chapter I. Membership. New Section 1, to read as follows: "Active Members. The presentation of a properly certified roster of members in good standing of the Constituent Society, together with the annual dues, shall establish the full membership of each member in this Association.

VOTED that this be adopted.

NEW SECTION 2, CHAPTER 1. Immediately after the annual meeting, etc.

Recommended that this be changed to

read Sixty days after the annual meeting, etc.

VOTED that this recommendation be adopted.

SECTION 3. (Same as present Section 6.) A member who becomes a resident of another state, to retain his membership in the National Dental Association must become a member of the Constituent Society in the State to which he has removed.

VOTED that this be adopted.

SECTION 4. Honorary Members. Same as present Section 2 of Chapter III, simply placing it in another position.

VOTED that this be adopted.

SECTION 5. Associate Members. Same as present Section 3 of Chapter III.

VOTED that this be adopted.

SECTION 6. Same as present Section 4, Chapter III.

VOTED that this be adopted.

CHAPTER II, SECTION 1. Change to read: No member shall take part in the proceedings of the Association or of any of the sections until he has registered with the General Secretary and secured an official badge of the Association.

CHAPTER III. Omit. (Section 1 is covered in Chapter IV. Section 8. Sections 2, 3 and 4 are transferred without change to Chapter I.)

VOTED that this be adopted.

NEW CHAPTER III—REGISTRATION AND ADMISSION TO MEETINGS. Section 1. Admission to all general sessions, section meetings and clinics of the Association shall be limited to those persons who have received the official badge of the Society, issued by the General Secretary.

VOTED that this be adopted.

Section 2. The General Secretary shall issue membership cards to all active members when their dues are paid, and on the occasion of the annual meeting of the Association shall issue membership badges to such members on presentation of their membership cards, or satisfactory evidence of the fact that such cards have been issued.

VOTED that this be adopted.

VOTED that this House of Delegates adopt all the sections which have been read and not already adopted.

VOTED that the last two paragraphs, page 36, second column, of the report of last year, amendment presented by Dr. B. Holly Smith, be adopted.

VOTED that the delegation from New York State have the privilege of electing another member, inasmuch as that State has paid in sufficient money at registrar office to entitle them to another delegate.

After the above vote was taken it was learned that the Ad Interim Committee had already ruled in the same way, and it was

VOTED to approve the action of the Ad Interim Committee in this matter.

The President being called out he requested Dr. Logan to take the chair.

REPORT ON MILLER MEMORIAL.

Rochester, N. Y., July 6th, 1914.

Mr. President: The Committee on the International Miller Memorial most respectfully submits the subjoined report: Since the session of 1913 we have collected from the Michigan State Dental Association and the members of the profession of that state Five Hundred Dollars ($500.00). From Dr. A. G. Freidrichs, of New Orleans, Twenty-five Dollars ($25.00). Promises have been made by delegates from states which have not yet made contributions. I am assured the fund will be increased within another year. It is the desire of the committee to raise the contributions of America to Six Thousand Dollars ($6000 00). We therefore ask the continuance of the committee another year that this may be done.

Respectfully submitted,

TRUMAN W. BROPHY,
B. HOLLY SMITH,
WILLIAM CARR,
Committee.

VOTED that the report be accepted.

VOTED that the session recess until 10:00 A. M. July 9th, at Exposition Park.

Fourth Session—Thursday, 10:00 A. M., July 9

The fourth adjourned session of the House of Delegates was held at Exposition Park July 9 at 10:00 A. M. and called to order by President Brown.

VOTED that the reading of the minutes be postponed until the next session of this House of Delegates.

UNANIMOUSLY VOTED that the first order of business at the next session of this House be the unfinished report from the Committee on Amendments.

REPORT OF LEGISLATIVE COMMITTEE.

In the matter of legislation affecting the National Dental Association, the undersigned made a trip to Washington last December, at which time certain matters were gone into, among them the method of appointing Dental Surgeons in the Navy. It was found that certain appointments were being made in a manner which the Association has contended were not authorized by law, and it was sought to either have the law amended in such manner as to leave no room for but one construction to be placed thereon, or else to get a decision from a high authority construing the present law relating to such appointments.

Considerable work was done along the lines of having the law amended in the 1914 appropriation bill, but this was found impracticable in view of the desire of the Navy Department to have the matter held in abeyance until an entirely new law could be framed covering the entire subject but which could not be done in time to go into the last bill. Your Committee then proceeded with a view to getting the law as it now stands construed by an official of the Government whose decision would control in such matters. This decision has recently been obtained, and while it is as yet unofficial in the sense that there was no actual case before the officer rendering the decision, it will govern when a case is put before that officer, which your Committee is now endeavoring to do and expects to accomplish in a short time.

This decision is from the highest possible source, and your Committee is much gratified to report that it is directly in favor of the contention of the Association before the Navy Department in the matter of these appointments.

Your Committee has further to report that the relations of the National Dental Association and the Navy Department, in the light of recent events, is very cordial and it is believed that the way has been paved for complete accord before the Department and the Association.

Your Committee also reports that it has retained the services of Mr. Charles B. Coflin, 412 Fifth St., Washington, D. C., as its counsel in matters pending before the Departments at Washington.

Respectfully submitted:

WM. CRENSHAW,
Chairman.
W. H. DeFORD,
HOWARD S. SEIP,
B. HOLLY SMITH,
CHAS. W. RODGERS.

July 7, 1914.

VOTED that this report be received.

REPORT OF JUDICIAL COUNCIL.

The Judicial Council, organized with J. R. Callahan as Chairman and R. Ottolengui Secretary. The following resolution was proposed by Dr. Don Gallie, seconded by Dr. V. S. Jones:

Resolved, That all complaints referred to this Council be made in writing, in order that investigation and debate may be strictly limited to the question involved.

J. R. CALLAHAN,
R. OTTOLENGUI,
VICTOR S. JONES,
DON M. GALLIE,
CHAS. H. OAKMAN.

July 8th, 1914.

VOTED that the report and resolution of the Judicial Council be received and approved.

REPORT OF COMMITTEE ON PHARMACOPOEIAL

To the Officers and Members of the House of Delegates of the National Dental Association.

Gentlemen:

Your Committee on Pharmacopoeia present a report of watchful waiting this year and suggest a continuance of this Committee in order to maintain a center of information and active preparation and interest in the work of the United States Pharmacopoeial Convention which meets in 1920 for revision of the United States Pharmacopoeia.

Respectfully submitted,

M. F. FINLEY, Chairman.

Rochester, N. Y., July 9, 1914.

VOTED that this report be accepted and the Committee continued.

REPORT OF COMMITTEE ON PUBLIC HEALTH.

Rochester, N. Y., July 9, 1914.

To the Officers and Members of the House of Delegates of the National Dental Association:

Gentlemen: Your Committee on Public Health have no report of further definite action on this subject by Congress within the last year. The most recent legislation pertaining to the National

Bureau of Public Health materially extended the authority and usefulness of this Bureau.

The increased interest on the part of the general public and the more attentive attitude of Congress indicate the early shaping of the policy which will recognize more fully the responsibility and economic interest of the government in public health matters. It will then be but a short step in so enlarging and increasing the Public Health service to the logical end, namely: the establishment of a Department of Public Health which will provide the effective machinery and exercise the necessary authority to accomplish its objects as the Departments of Agriculture, Commerce, etc., are now accomplishing their respective objects.

In the attainment of this end the influence of the dental profession should be exerted with directness and wisdom so as to be not only effective in bringing about the main object but, also, for the recognition and extension of the important function of dentistry in contributing materially to the improvement of the mental, moral and physical welfare of the race as well as to the comfort, health and longevity of the comparatively few who receive its beneficent ministrations.

Respectfully submitted,

M. F. FINLEY, Chairman.

VOTED that this report be accepted.

VOTED that the Report of the Necrology Committee be laid on the table until some member of the Committee is present to read it.

REPORT OF COMMITTEE ON LEGISLATION.

This is not a separate bill but an amendment to the Army Appropriation Bill.

We have not tried to create a precedent but to follow an established precedent.

We believe the Army Dental Corps should have a head for the reason that no Corps can reach a high degree of efficiency without a head and that head a member of the profession represented by the Corps.

The head of this Corps should have the rank of Colonel, because he will have under his supervision double the number of officers in a regiment which always has a Colonel at its head. Also he will have the supervision of the Oral Health of over one hundred thousand men.

In creating a Dental Reserve Corps it is your committee's desire to eliminate the contract status from the army; the Dental Corps being the only Corps having such men. The wording of the present law which created the Dental Corps (Act of Congress March 3, 1911) has been construed by the Chief in charge of militia affairs, Washington, D. C., in its application to the organized militia under the Dick Law and Volunteer troops to be raised under the last volunteer bill which has been passed by the present Congress as follows:

All original appointments to the Dental Corps shall be as acting Dental Surgeon (Contract Dental Surgeon) and after three years service in a manner satisfactory to the Governor of the State or the commanding general, District of Columbia Militia, such appointees may be appointed and be commissioned as First Lieutenant in the Dental Corps. In other words, the way the law now stands the militia organization must be the same as the regular army which of course includes its medical personnel; this applies as well to volunteers, and dental surgeons must be appointed in the ratio of 1 to 1000 men. Dental surgeons entering in their professional capacity must serve in either the militia or volunteers under the existing law three years as contract dental surgeon before securing their commission as First Lieutenant. If disability occurs in line of duty while in this status of contract dental surgeon, or acting dental surgeon, they receive no retirement or are they or their wives entitled to a pension if disability occurs even in line of duty. They haven't even the protection of a private in their own regiment who draws $15 per month. This, Gentlemen, is in strict harmony with the recommendations advocated by the President and approved by the committee to which his address was referred. Our committee would urge that the Legislation Committee, to be elected at this meeting, be directed to use their best effort to secure this legislation at the earliest practical opportunity. We further recommend that when such Bill is introduced in Congress that it should receive the legal support of every member of this Association.

C. B. GIFFORD
A. O. ROSS,
H. L. WHEELER,
Committee.

VOTED that this report be accepted and the recommendations adopted.

The General Secretary announced that New York now had, including dues received at registration booth, paid in over $1300, which would entitle this state, if these funds were added to amount already paid, to another delegate.

UNANIMOUSLY VOTED to seat Dr. H. C. Ferris, of Brooklyn, N. Y., in the House of Delegates.

REPORT OF RELIEF COMMITTEE.

Your Committee submits the following report:

The plan suggested by Dr. R. Ottolengui of getting up a Christmas seal similar to that used by the Red Cross, has been very successfully worked up by the New England members of your Commit-

tee and Dr. Gaylord reports about $3600.00 as the result of his labors. The design for this seal was prepared by Dr. Chas. McManus, to whom your Committee is indebted not only for this artistic work, but for many useful suggestions.

Considering the late start, we think our New England members have done well in the sale of seals; but this much has been the fruits of much and the sacrifice of much time and considerable money, all of which they have cheerfully contributed to this cause.

Your Chairman had 3000 circular letters printed with pledge cards and these were divided with Dr. Chambers and mailed to the members of the State Societies in our respective territories. This letter solicited contributions to the Relief Fund and the pledge card was a promise of annual contributions as follows:

To the National Dental Association Relief Fund Committee:

I hereby agree to subscribe annually the sum of ($.....) for the Benefit Insurance Fund of the National Dental Association.

This is done with the understanding that I am free to either discontinue my subscription, increase or reduce it at my pleasure.

Signed .....

Address .....

Member of.....State Society.

From this source we have received annual pledges amounting to fifty-eight dollars.

Contributors were requested to make returns to our Treasurer, Dr. H. B. McFadden. In addition to these, Dr. Chambers had printed another circular letter with the pledge card, asking for contributions to be sent in to his office.

His report, which I submit herewith, shows that he mailed 2900 circular letters, besides 200 written appeals. It is with much regret that we must report the resignation of Dr. Chambers from the Committee. This he says is because of failing health, on which account his medical advisor has ordered him to lessen his work. Dr. Chambers has rendered our Committee valuable assistance; his work has always been promptly and efficiently done, his contributions to our cause have always been generous and his counsel wise. It is with sincere regret that we must lose him from our Committee.

We therefore request the appointment of another man to serve as alternate, but it is our desire to retain Dr. Chambers in our Committee.

E. S. GAYLORD,
L. G. NOEL,
W. T. CHAMBERS.
JAMES McMANUS.

Supplementary Report of Edward S. Gaylord.

1913			
Oct. to Dec., Circular letters, postage, etc.			$ 452.63
Nov. & Dec., Christmas Seals			271.15
Oct., Nov. & Dec., Cash advanced by E. S. Gaylord for clerical work, night letters, telegrams, railroad expenses, etc.			161.48
Cash subscriptions from Dental organizations:			
Northeastern Dental Association	$ 500.00		
Hartford Dental Society	151.00		
N. Y. Auxiliary Delta Sigma Delta	100.00		
Ohio Dental Society	50.00		
New Haven Dental Society	50.00		
First District Dental Society of New York	25.00		
Second District Dental Society of Brooklyn	10.00		
		$886.00	
Cash purchase of Seals from the S. S. White D. M. Co., Philadelphia	$100.00		
Cash purchase of Seals from Consolidated D. M. C., York	71.73		
Cash purchase of Seals from 57 other dental dealers	575.87		
	$747.60		
Check from S. S. White Co. made out to Dr. H. B. McFadden and sent him for deposit, deducted from this amount	100.00		
	$647.60	647.60	
Cash received from Seals from members of the dental profession and friends		2862.67	
July 1st, 1914, check sent to Dr. McFadden			3511.01
		$4396.27	$4396.27

VOTED that the Report of the National Relief Fund be approved and spread on the minutes.

UNANIMOUSLY VOTED that consent be given to Dr. Marshall to present the matter of transferring the balance of the California Relief Fund to the National Relief Fund.

VOTED that the Treasurer be authorized to consolidate the two funds into one fund, to be known as the National Relief Fund.

REPORT OF AMENDMENT COMMITTEE read, with regard to redistricting:

District No. 1: Maine 1; New Hampshire 1; Vermont 1; Massachusetts 3; Rhode Island 2; Connecticut 3. 1063 members, 11 delegates.

District No. 2: New York 9 and New Jersey 2. 1421 members, 11 delegates.

District No. 3: Pennsylvania 3; Delaware not reported; Maryland 1; West Virginia 1; and Ohio 8. 1699 members, 13 delegates.

District No. 4: Virginia 2; District of Columbia 1; National Capital 1; Army 1; Navy, delegate not seated; North Carolina not reported; South Carolina 2; Georgia 1; Florida 1; Alabama 2; Mississippi 2; Louisiana 2; Porto Rico 1. 849 members, 16 delegates.

District No. 5: Michigan 4; Indiana 4; Kentucky 3; Tennessee 2. About 1700 members, 13 delegates.

District No. 6: Wisconsin 1 and Illinois 10. 1759 members, 11 delegates.

District No. 7: Iowa 4; Minnesota 3; Nebraska 3; South Dakota not reported; North Dakota 2; Wyoming 1; Montana 1. 1413 members, 14 delegates.

District No. 8: Missouri 4; Kansas 3; Colorado 2; Arkansas 1; Oklahoma 2; Texas 2; Arizano 1; New Mexico 1. 1471 members, 16 delegates.

District No. 9: Washington 2; Oregon 2; California 4; Southern California 2; Idaho not reported; Nevada not reported; Utah 1; Phillipine Islands, Alaska and Hawaiin Islands not reported. 987 members, 11 delegates.

Map of the nine districts shown in Vol. 1, No. 4, October issue, Official Bulletin. Page 151.

VOTED that the supplementary report of the Amendment Committee be adopted.

VOTED that the National Relief Committee be increased by four members, and amended that the original committee of three may select the four additional members.

REPORT OF COMMITTEE ON DENTAL EDUCATION.

To the House of Delegates National Dental Association:

Your Committee on Dental Education has carefully considered that portion of the most excellent address of the President under the head of "Increasing Dental Standards" and is of the opinion that it involves the most difficult and important questions demanding your thoughtful consideration. We especially commend the plea of the President for increased 'Efficiency" of dental graduates; but suggest that greater thoroness would accomplish the object better than an increase in the curriculum.

It is a well recognized fact that histology, pathology and bacteriology are fundamentals in which the dental student should be well grounded, and all dental colleges should meet the requirements by specialized courses to fit the needs of the dentist.

Your committee agrees with the President that if more time was spent in obtaining the dental degree, better results would be obtained, and would therefore recommend that an additional session should be added as soon as practicable. Your committee would ask that this question, and the question of increased preliminary training be referred to the committee on "Dental Education and Educational Council" to work out the problems involved in such a manner as seem just and right.

The Committee is of the opinion that the President's conclusions are correct, and that the preliminary educational requirements can be best and most effectively worked out thru the co-operation of the State Boards of Education of the various states and the State Boards of Dental Examiners.

The Dental profession of America owes it to the students, to itself, and to the public to be informed and to so direct the dentist of the future that he may make no mistake in his efforts to become a respected member of our great profession and a qualified servant of humanity.

Respectfully submitted,

HENRY W. MORGAN,
HOWARD S. SEIP,
T. A. BROADBENT,
Committee on Education.

VOTED that this report be accepted.

REPORT OF COMMITTEE APPOINTED TO PREPARE A SYSTEM OF BOOKKEEPING FOR THE NATIONAL DENTAL ASSOCIATION AND ITS CONSTITUENT SOCIETIES.

The element of efficiency in the work of an organization must depend to a considerable extent upon the system under which the work is done, and as the financial item is more or less directly associated with most lines of activity in society work, the importance of a simple and accurate scheme of collecting and forwarding dues, recording memberships, issuance of certificates, mailing of notices, bulletins, journals, etc., becomes manifest.

When the plan of reorganization of the National Dental Association shall have been fully worked out by the proper reorganization of all State societies, with their competent local or district societies, the collection of the dues for local, state and National societies will be made in all states by the local secretaries, as it is now done in the already reorganized states. This means that the dues of the members thruout the country will be paid to not less than five or six hundred local secretaries and will be forwarded by them to the various state secretaries and by them to the National Secretary, who will, after recording the membership and issuing membership certificates, turn the money over to the Treasurer. For the coming year and for several years, the dues will be collected in some states by the local secretaries, in many states by the state secretaries, and if there are some states which do not vote to affiliate, dues from members in such states may be collected by the National Secretary direct.

It will be realized from the foregoing statements that the system adopted must be flexible enough to meet the various conditions in the different states and to be easily modified for each state as reorganization progresses. Other important considerations are that the system shall be so simple that it will be easily understood by the small army of new local secretaries who will be elected each year; that the minimum amount of labor and time will be required of each man in performing his share of the work; that there will be the least danger of error in the transmission of names and addresses; and that there shall be a definite means of checking up and accurately auditing the accounts of all secretaries—local, state and National.

The plan which has been adopted will be briefly explained in the following paragraphs. Concisely written instructions and suggestions have been prepared for the proper officers of all the state and local societies.

Stated very briefly, the plan is herewith presented:

The Secretary of the National Dental Association requested each state secretary to furnish him with an accurately prepared list of the names and addresses of the members of his society, arranged alphabetically for the entire state if the state secretary collects the dues, arranged alphabetically for each local society if the local secretaries collect the dues.

As these lists were received for each state, the National Secretary prepared a set of metal addressing plates, each containing the name and address of a member; and these plates were arranged alphabetically as were the names in the lists. From these plates it is possible to print all sorts of blanks, cards and envelopes very rapidly, in a machine made for this especial purpose, and the addressing plates will always be automatically kept in their proper order. This machine has an attachment by which each name may be printed two or three or more times before the next name comes into place, and it also has an attachment for a numbering consecutively whatever is being printed.

For each state there has been run thru this machine a set of receipt blanks for the collection of dues. Each blank is in four sections or stubs, with perforations between, and each member's name and address is printed on all four of the stubs of a blank. In accordance with the arrangement of the addressing plates in the machine, these blanks are automatically arranged alphabetically either for the entire state or for each local society, and consecutively numbered for each state. They are then bound in one or several books (one book for each local society if the local secretaries collect the dues) and sent to the State Secretary, who forwards them to the various local secretaries.

Each local secretary then has a book with a four stub slip for each member, arranged alphabetically. When a member pays his dues the local secretary signs and tears off the first stub and gives it to the member; this stub is his card of membership in the National Association, in his state society and in his local society. The local secretary enters the date on the last stub, which is permanently bound in the book; that is his record of payment. When he is ready to remit to the state secretary, he tears off and mails the other two stubs for as many members as have paid, together with a money order for their state and National dues. He is not required to write a single name or address. His receipt book also shows at all times, by the long blanks remaining in it, those who have not paid.

On receipts of the stubs and the remittance, the state secretary separates the stubs, retains one for each member and forwards the other to the Secretary of the National, with the proper amount of dues. By this plan the state secretary and the National Secretary each receive a card for each member, and if they file these cards according to their numbers they will be arranged alphabetically for each society, because they were numbered in that order when they were originally printed in the machine. The numbers printed on the cards will not only

be consecutive for the members of each state, but will also be in proper order to correspond with an alphabetical arrangement of the states.

In those states in which the state secretary collects the dues, one stub is given the member, one is sent to the National Secretary and the other two are retained by the state secretary. One of these is already bound in the book in an alphabetical arrangement, the other is detached and arranged according to the address, so that the cards for the members in each city are together. In each receipt book there will be a number of blanks to be used for new members.

It is proposed to change the color of these blanks each year so that, in the files of state secretaries and of the National Secretary, by substituting the new cards for the old as the dues are paid, the lists will show by the colors of the cards which members are delinquent.

As cards are received by the National Secretary, he issues to each member a membership certificate. This certificate has a stub made to fit into a card drawer, and as the certificates are issued, the stubs will be arranged in alphabetical order for the entire membership of the society, and filed away for each year as the permanent record of the members for the year. This arrangement gives the National Secretary's office two files of members, the one an alphabetical list for the entire society; the other made up of the cards sent in by state secretaries, arranged alphabetically by states or alphabetically for the local societies within each state.

State society secretaries will be furnished with boxes of suitable size to hold the cards of their respective states. These boxes may be used for filing the cards as the dues are received, and also to carry them to the place of meeting of the society to be used in registering. There will be a place on each card to indicate the presence of the member. To be registered, each member may be asked for his number, or his name and address, as may be most convenient for the state secretary. The National Secretary will also take the cards, which have been sent in to him, to the meeting of the National Association to register the members who attend. These cards will be arranged in numerical order, which will also be in alphabetical order for each state, or for the locals in each state, in accordance with the original arrangement of the metal plates in the addressing machine. To register, a member may either give his number, or his name and the society to which he belongs, and his card will be quickly found.

It will be noticed that this plan contemplates the collection of dues by local secretaries, previous to the time of meeting of either the state or National Societies, and it is expected that most of the dues will be collected at meetings of local societies held in the fall, so that the dues of the National may reach the National Secretary's office before the end of the year in order that the new membership certificates may be issued on Jan. 1st. However, in those states in which it has been customary for the state secretary to collect the dues at the time of the state society meeting, the plan may be continued or not, as may be determined in each state. The state secretary may send out statements in December and collect dues from as many as possible by mail, and the remainder at the time of the meeting, or he may wait until the annual meeting of his society and collect all of the dues then. He may remit to the National Secretary at any time for those who have paid and the membership certificates will be issued.

There is, as a part of the plan, a set of remittance and receipt blanks, by which the various secretaries—local, state and National—check up on each other. The National Secretary will issue direct to each member an engraved membership certificate, and the receipt of this by the member is evidence that his dues have been properly forwarded. These membership certificates are numbered consecutively, so that the highest number issued will correspond with the total dues received by the National Secretary.

Two books will be kept by the National Secretary, one of which will show a classified account of receipts, of remittances to the Treasurer, and of orders on the Treasurer for disbursements; the other will show a classified list of remittances grouped by states and will be the basis of the allotment of delegates to each state.

All moneys received by the National Secretary will be forwarded to the Treasurer, to be paid out on vouchers signed by the President and Secretary. The Treasurer of the National will keep a cash book which will show an account of remittances received from the Secretary and a classified account of the disbursements. The books will be so arranged that the various accounts may be kept in classified form with the least possible number of entries and yet be so arranged that they may be readily checked by an auditing committee.

It will be noticed that it will be unnecessary for either the local, state or National Secretary to write a member's name or address except on the membership certificates issued by the National Secretary.

The addressing machine will, of course, be used for many other purposes, such as addressing of envelopes for the Bulletin and all kinds of notices, for wrappers for the Journal when it is established, etc. The machine is run by an electric motor and in case of need, envelopes can be addressed to twelve or fifteen thousand members in a few hours.

Respectfully submitted,

HOMER C. BROWN,
OTTO U. KING,
ARTHUR D. BLACK, Chairman.

VOTED that Dr. A. D. Black's (Illinois) suggestion with regard to report of Bookkeeping Committee be accepted.

Resolutions of DR. RODGERS read and discust.

Dr. Charles W. Rodgers of Boston offered Resolutions expressing to Congressman Gallison, of Massachusetts, and Mayor Curley, of Boston, the appreciation of the National Dental Association for their support in the passage of S. J. Resolution 105, which was duly seconded. The President requested the Secretary to temporarily take the chair as he wished to discuss these resolutions and closed by offering a substitute resolution which included the following persons and any others who may have rendered service: Honorable William J. Bryan, Secretary of State; Senator McLean, of Connecticut; Senators Pomerene and Burton, of Ohio; Speaker Champ Clark, Henry D. Flood, chairman of Committee on Foreign Affairs; Congressman Clement Brumbaugh, of Ohio; Governor Cox, of Ohio; Mayor Curley, of Boston; Congressman George Rauch, Indiana; Congressman James A. Gallison, Massachusetts. This substitute Resolution was unanimously adopted.

VOTED that the National Dental Association express its hearty appreciation to members of congress and others for their loyal and hearty support and that the Secretary be authorized to obtain the names of such men as have been active and write official communications to them.

VOTED that the letter to Mayor Curley, submitted by Dr. Rogers, be approved.

VOTED to recess until 4 P. M. July 9th at this place.

Fifth Session—Thursday, 4:00 P. M., July 9

The fifth adjourned meeting of the House of Delegates was held at Exposition Park July 9 at 4:00 P. M.

The president called the meeting to order.

Roll call of delegates.

UNFINISHED REPORT OF AMENDMENT COMMITTEE.

VOTED that the part of the amendment Committee be adopted. Amended to strike out 1915 and insert 1916.

VOTED that, in accordance with article 13 of the Constitution, section 3, article 10 of the Constitution be struck out, and that section 1 of article 11 be also struck out.

VOTED that the By-Laws, Chapter XI, Section 1, be changed to read as follows: Committees shall be classified as (a) Standing Committees; (b) Reference Committees; (c) Special Committees. These Committees shall be elected by the House of Delegates. The Standing Committees shall be nominated by the Board of Trustees. The Reference and Special Committees shall be nominated by the President.

ELECTION OF OFFICERS.

The president appointed as tellers: Drs. F. J. Yerke, Minnesota; Chas Priest, Indiana; H. D. Chipp, Mississippi; A. C. Plants, West Virginia, and T. L. Grismore, Illinois.

NOMINATIONS FOR PRESIDENT: Drs. C. C. Allen, Kansas City, Missouri; and Don M. Gallie, Chicago, Illinois. Dr. Gallie received a majority of all votes cast.

VOTED that the rules be suspended and the election of Dr. Gallie be made unanimous. Declared elected.

NOMINATION FOR FIRST VICE-PRESIDENT: Dr. Edward G. Link, Rochester, N. Y.

VOTED that the rules be suspended and the election of Dr. Link as 1st Vice-President be made unanimous. Declared elected.

NOMINATION FOR SECOND VICE-PRESIDENT: Dr. L. P. Dotterer, Charleston, S. C.

VOTED that the rules be suspended and the election of Dr. Dotterer as 2nd Vice-President be made unanimous. Declared elected.

NOMINATION FOR THIRD VICE-PRESIDENT: Dr. T. E. Turner, St. Louis, Mo.

VOTED that the rules be suspended and the election of Dr. Turner for 3rd Vice-President be made unanimous. Declared elected.

NOMINATIONS FOR TREASURER MADE BY BOARD OF TRUSTEES: Drs. H. B. McFadden, Philadelphia, Pa., and J. V. Conzett, Dubuque, Iowa. Dr. McFadden received a majority of the votes of the House of Delegates.

VOTED that the rules be suspended and the election of Dr. McFadden as Treasurer be made unanimous. Declared elected.

NOMINATION FOR SECRETARY: Dr. Otto U. King, Huntington, Indiana.

VOTED that the rules be suspended and the election of Dr. King as Secretary be made unanimous. Declared elected.

NOMINATIONS FOR TRUSTEES: On motions duly made and seconded, nominations were made and Trustees elected as follows:

District No. 1: Dr. Waldo E. Boardman, Boston, Massachusetts.

District No. 2: Dr. H. J. Burkhart, Batavia, New York.

District No. 3: Dr. Clarence J. Grieves, Baltimore, Maryland.

District No. 4: Dr. Thos. P. Hinman, Atlanta, Georgia.

District No. 5: Dr. Marcus L. Ward, Ann Arbor, Michigan.

District No. 6: Dr. J. P. Buckley, Chicago, Illinois.

District No. 7: Dr. T. B. Hartzell, Minneapolis, Minnesota.

District No. 8: Dr. C. L. White, Oklahoma City, Oklahoma.

District No. 9: Dr. S. W. Wherry, Ogden, Utah.

VOTED that three men be voted for on each ballot, the three receiving the highest number of votes be declared elected for three years.

As a result of the vote, Drs. Burkhart, Buckley and Hinman were declared elected for three years.

VOTED that the rules be suspended and the next three highest be declared elected for two years. As a result of the vote, Drs. Grieves, Boardman, and Ward were declared elected for two years.

As a result of the previous vote, Drs. Hartzell, White and Wherry were declared elected for one year.

REPORT OF COMMITTEE ON DENTAL JOURNAL

To the Board of Trustees of The National Dental Association:

The Journal Committee begs leave to submit the following report:

We respectfully recommend that the National Association commence the publication of its Journal not later than January 1st, 1916.

That the sum of $1500 be set aside annually and added to the Journal Fund for organizing and starting the Journal.

We further recommend that a committee of five members of this Association, of which the Secretary shall be one, shall be appointed by the Board of Trustees with power to plan and execute its publication.

We also recommend that this committee have charge of the publishing of the Bulletin until such time as it may be merged into the Journal; and also that the arrangement for the publication of the proceedings of the Society be in its charge.

It is understood that all matters with reference to the publication of the Journal and Bulletin recommended by the Board of Trustees are to be subject to the approval of the House of Delegates, according to Section 2, Chapter IX of the By-Laws.

Respectfully submitted,
J. D. PATTERSON,
FRANK HETTRICK,
BURTON LEE THORPE,
S. E. DAVENPORT,
HERBERT L. WHEELER, Chairman.

VOTED that the report be adopted as read.

Dr. Bryant, speaking on privilege, referred to the fact that the Secretary of the Navy and the Surgeon-General would be found to be favorable to Dental Legislation and advised a consultation with the Secretary of the Navy and the Surgeon-General rather than independent action. He referred to the present chaotic condition indicated in the letter of the Secretary of the Navy (which he read), which he stated were brought about by measures promoted by the National Dental Association's Legislative Committee independent of Departmental action.

In regard to employment of attorney by the Legislative Committee, he believed as a result of information given him by members of the Board of Trustees, that this was not authorized by the members of the Board of Trustees under the By-Laws. He recommended that no ill-advised action be taken by the Association without consultation with the Navy Department.

VOTED that this matter be referred to the Judicial Council to be reported later to the House of Delegates.

Unanimous consent being granted, Dr. Wheeler spoke on the Sixth International Dental Congress to be held in London.

VOTED that any of the delegates from this Society who expect to go to London and are unable to attend, have the privilege of delegating a proxy.

VOTED to recess until 11 o'clock tomorrow at Exposition Park.

Sixth Session—Friday, 11:00 A. M., July 10

The sixth adjourned meeting of the House of Delegates was held at Exposition Park July 10 at 11:00 A. M.

Meeting called to order by President.

VOTED that the rules be suspended and the calling of the roll be dispensed with.

Voted that the minutes of previous meetings be approved without being read.

Reference made to Section 4, Article XI, of the by-laws, page 24, and it was

VOTED to strike out the word "appoint" and insert the word "nominate" in article XI, Section 4.

Reference made to page 27, fourth line, Section 9, and it was

VOTED that the word "appoint" in the fourth line be stricken out and made to read "nominate."

VOTED that, where a clause in the Constitution and By-Laws conflicts with the appointment of members of committees at this session that the appointment shall stand until the next annual meeting.

H. J. BURKHART, Batavia, N. Y., presented the following resolution:

"That, whereas, the Board of Trustees of this Association has recommended that an invitation be extended to the Seventh International Dental Congress to meet in New York City in 1919;

Therefore, be it resolved, that the recommendation of the Board of Trustees be ratified and that an invitation be extended to the Seventh International Dental Congress to meet in New York City in 1919."

VOTED that the action of the Board of Trustees in reference to extending invitation to Seventh International Dental Congress be ratified.

The General Secretary reported that the Board of Trustees had nominated the standing Committees, as follows:

Judicial Council—J. R. Callahan, 25 Garfield Place, Cincinnati, Ohio; R. Ottolengui, 80 W. 40th St., New York City; Victor S. Jones, Bethlehem, Pa.; Arthur D. Black, 1533, 122 S. Michigan Ave.,

Chicago, Ill.; Charles H. Oakman, 27 Grand River Ave., Detroit, Mich.

Dental Education—H. E. Friesell, Chairman, '19, 1206 Highland Bldg., Pittsburg, Pa.; Leuman M. Waugh, Secretary, '18, 576 Fifth Ave., New York City; C. C. Allen, '17, 10th & Troost, Kansas City, Mo.; Shirley W. Bowles, '16, 1616 Eye St., Washington, D. C.; Fred W. Gethro, '15, 917 Marshall Field Bldg., Chicago, Ill.

Dental Legislation—Homer C. Brown, Chairman, '19, 185 E. State St., Columbus, Ohio; C. B. Gifford, Sec'y, '18, Taylor Bldg., Grandby St., Norfolk, Va.; A. O. Ross, '17, 807 N. High St., Columbus, Ohio; Herbert L. Wheeler, '16, 560 Fifth Ave., New York City; Charles R. E. Koch, '15, 31 West Lake St., Chicago, Ill.

Transportation and Place of Sessions—Victor H. Jackson, 40 E. 41st St., New York City; H. F. Hoffman, 321 Metropolitan Bldg., Denver, Colo.; Joseph D. Eby, 519 Grant Bldg., Atlanta, Ga.; D. C. Bacon, 31 N. State St., Chicago, Ill.; Henry Woods Weirick, 503-4 Mechanics Bldg., San Francisco, Cal; J. P. Marshall, 7401 Hazel Ave., Maplewood, St. Louis, Mo.

VOTED that nominations made by the Board of Trustees, for standing committees—Judicial Council, Dental Education, Dental Legislation and Transportation and Place of Sessions be declared elected.

VOTED that the election, by the Board of Trustees, of the Journal Committee, as follows, be confirmed:

Dental Journal—Herbert L. Wheeler, Chairman, 560 Fifth Ave., New York City; Otto U. King, Secretary, Huntington, Ind.; Burton Lee Thorpe, 3605 Lindell Boulevard, St. Louis, Mo.; W. E. Grant, Starke Bldg., Louisville, Ky.; W. H. G. Logan, 29 E. Madison St., Chicago, Ill.

VOTED that the election of the following members of the Research Commission, by the Board of Trustees, be confirmed: Homer C. Brown, Columbus, Ohio, to fill the unexpired term of the late Dr. Fletcher, and Drs. George E. Hunt, Indianapolis, Indiana; Samuel H. McAfee, New Orleans, Louisiana; M. Williams, Rutland, Vermont; G. T. Williams, Seattle, Washington, and W. T. Farrer, Louisville, Kentucky, to serve for five years.

RESOLVED that reports of all Standing Committees be in the hands of the Secretary two weeks before the annual meeting.

VOTED that the House of Delegates thank the local Committee on Arrangements and the Ladies' Committee for having made this meeting a success.

VOTED that the thanks of this House of Delegates be extended to the Mayor, City Officials, Chamber of Commerce and others who aided in the success of this convention.

DR. A. M. FLOOD of California spoke of the absolute harmony existing between the two California associations and also spoke in reference to the Panama Pacific Dental Congress.

VOTED that the National Dental Association furnish the National Relief Committee with all stationery that is necessary.

It was ruled printing, etc., could be arranged for by the National Relief Committee and payment made by the National Dental Association.

VOTED that it be the sense of this House of Delegates that no percentage of National Relief Funds be paid for collection.

VOTED that the Ad Interim Committee of the Board of Trustees have power to publish the amended and revised Constitution and By-Laws.

(Constitution and By-Laws and Code of Ethics published in Official Bulletin, Vol. 1, No. 4, pages 136-149.)

UNANIMOUSLY VOTED that previous action in reference to report of Necrology Committee be reconsidered.

VOTED that the report of the Necrology Committee be received without being read and that hereafter the reports of the Necrology Committee be published in the Bulletin.

The Secretary reported that the Board of Trustees had elected to serve on the Educational Council of America, the following:

Educational Council of America—J. V. Conzett, Chairman, 256 Thirteenth St., Dubuque, Ia.; Louis Meisburger, 85 North Pearl St., Buffalo, N. Y.; Arthur R. Melendy, Holston National Bank Building, Knoxville, Tenn.; LaFayette L. Barber, 718 Spitzer Bldg., Toledo, Ohio; George N. West, 32 North State St., Chicago, Ill.

VOTED that the action of the Board of Trustees in reference to representatives from this Association on the Educational Council of America be confirmed.

UNANIMOUSLY VOTED that there be published in the Bulletin of this Association a classified statement of the account of the receipts and expenditures of the Association, in sufficient detail as to give a clear understanding of both receipts and expenditures.

REPORT OF TREASURER NATIONAL DENTAL ASSOCIATION TO JULY 2ND, 1914.

Recepits.

Balance last report	$ 1133 82
July 7, 1913, dues at K. C.	540 00
July 7, Kansas State dues, 1913	327 00
July 7, Washington D. C. D. Society, dues 1913	110 00
July 7, Oklahoma, dues 1913	94 00
July 7, New Mexico dues 1913	28 00
July 7, S. B. Members dues 1913	75 00
Sept. 6, 1913, K. C. Local Com.	1144 36
Nov. 17, 1913, Wms. Donnally (Returned check)	175 00
Jan. 3, 1914, New York State dues 1914	1235 00
July 22, 1913, S. B. dues 1913	246 00
Sept. 12, 1913, Maryland State dues 1913	125 00
June 15, 1914, S. B. dues	49 00
Dues received since K. C. meeting	365 00
Jan. 14, 1914, Otto U. King, Gen. Sec'y	1047 00
Feb. 7, 1914, Same	16 00
Feb. 7, 1914, Same	34 00
Feb. 16, 1914, Same	360 00
Feb. 20, 1914, Same	1235 00
Feb. 6, 1914, Same	113 00
May 7, 1914, Same	200 00
May 7, 1914, Same	18 10
May 18, 1914, Same	1000 00
May 23, 1914, Same	1500 00
June 8, 1914, Same	500 00
June 9, 1914, Same	500 00
June 15, 1914, Same	300 00
June 20, 1914, Same	500 00
June 22, 1914, Same	200 00
Total	$13670 28

Disbursements.

July 9, 1913, C. B. Warner, Crocker Land Expedition	133 09
July 11, '13, Frank O. Hettrick	40 20
July 11, '13, Homer C. Brown	522 45
July 11, '13, J. V. Conzett	119 32
July 11, '13, The New Franklin Printing Co.	500 18
July 11, '13, W. H. Scherer	8 80
July 11, '13, Geo. E. Savage	5 54
July 11, '13, R. L. Simpson	15 60
July 11, '13, H. B. McFadden	242 27
July 11, '13, J. D. Patterson	7 50
July 11, '13, Henry C. Ferris	163 00
July 11, '13, W. Smith Franklin	150 00
July 11, '13, Fred T. Leport	30 50
July 11, '13, S. S. White Dental Mfg. Co.	190 47
July 11, '13, Wm. Cunshaw	241 50
July 22, '13, B. D. Brabson, Treas. S. B.	30 00
Nov. 21, '13, Francis I. Stults, Postmaster, Huntington, Ind.	150 00
Jan. 7, '14, The Mathews & Northrup Works	25 00
Jan. 29, '14, Addressograph Co.	1208 36
Jan. 29, '14, Fidelity & Deposit Co., Baltimore, Md.	20 00
March 11, '14, Otto U. King, Gen. Sec'y	400 00
Jan. 30, '14, Wms. Donnally	325 00
Jan. 11, '14, Geo. E. Cole & Co.	44 00
May 1, '14, Whitelock Press, Huntington, Ind.	1820 96
May 1, '14, Wabash Cabinet Co., Wabash, Ind.	113 32
May 1, '14, R. G. Mitchell	12 50
May 1, '14, Herald and News-Express	61 60
May 4, '14, C. L. Ricketts	348 30
May 4, '14, Tucker-Kenworthy Co.	488 60
May 1, '14, Otto U. King, Gen. Sec'y.	1340 14
May 4, '14, New Franklin Printing Co.	165 25
May 4, '14, Homer C. Brown	450 83
May 27, '14, Tucker Kenworthy Co.	6 25
May 27, '14, Addressograph Co.	67 71
June 11, '14, Otto U. King	150 00

Feb. 20, '14, Otto U. King, dues 1914...	2 00
June 11, '14, Otto U. King, dues 1914...	28 00
Feb. 16, '14, Otto U. King, N. Y. dues 1914.....	1235 00
Total	$10863 14
General Fund Balance July 2, 1914..	$ 2807 14

Special Funds.

Journal Fund.....	$1542 83
National Relief Fund.....	5119 47
Relief Fund N. D. A..... 3905 01	
Received at Rochester..... 236 50	
	4141 51

Respectfully submitted,

H. B. McFADDEN,
Treasurer.

*Approved July 9, 1914.

ARTHUR R. MELENDY, Knoxville, Tenn.,
CHARLES L. WHITE, Oklahoma City, Okla.,
Auditing Committee.

NATIONAL DENTAL ASSOCIATION—SECRETARY'S CASH BOOK.

RECEIPTS AND DISBURSEMENTS.

January 1, 1914, to January 1, 1915.

Recepits.

Current Dues.....	$12803 20	
Back Dues.....	5 00	
National Relief Fund.....	11 00	
Miscellaneous	1402 73	
		$14221 93

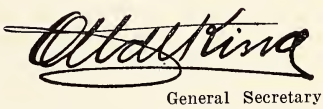
Remittance to Treasurer.

Dues	$12808 20	
National Relief Fund.....	11 00	
Miscellaneous	1402 73	
		$14221 93

Disbursements.

(As per expenditure orders 1 to 48 inclusive.)

President's Office.....$	804 31
Secretary's Office.....	3159 87
Treas, & Committees.....	1287 73
Printing	2332 09
Postage	1469 70
Bulletins	3053 10
Fixtures	1346 93
Labor-Miscellaneous-Supplies	1895 93
	$15349 66



General Secretary.

This is to certify that I have audited and approved the Secretary's books of the National Dental Association.

HARRY O. DUNGAN,
First Assistant Cashier,
Citizens' State Bank,
Huntington, Ind.

Approved January 6, 1915.

VOTED that this House of Delegates extend a VOTE OF THANKS to the President, Officers, Committee Chairmen, etc., for their splendid work.

At this point Dr. Brown thanked the members of the House of Delegates, the various committeemen, Secretary and various officers for the co-operation which he received.

VOTED that the minutes of this meeting be approved as corrected.

As there was no further business to come before the meeting, on motion made and seconded, the House of Delegates adjourned *sine die*.

*Owing to the illness and death of Dr. McFadden, the treasurer's report was not balanced for publication, on January 1, 1915.

REPORT OF THE TREASURER OF THE NATIONAL DENTAL ASSOCIATION, JULY 2, 1914, TO FEBRUARY 1, 1915.

July, 1914, to Jan. 1, 1915.

Receipts.

1914

July 2,	Balance in Centennial Nat'l Bank.	$2807 14
July 6,	Otto U. King, Huntington, Ind.	1585 17
July 7,	Otto U. King, Huntington, Ind.	970 03
Sept. 7,	Otto U. King, Huntington, Ind.	1400 00
Sept. 7,	L. M. Weaver, Dues 1913	5 00
July 7,	Ellen R. Carr, Dues 1912-1913	10 00
Oct. 1,	W. P. Smith, Dues 1913	5 00
Oct. 1,	Otto U. King, $1.70 Returned on Bond, $24.00 due	25 70
Oct. 16,	Otto U. King	900 00
Nov. 5,	Otto U. King	812 30
Nov. 25,	Otto U. King	4 00
Nov. 18,	——— Winker, dues 1912-1913.	10 00
Dec. 1,	Otto U. King, $24.00, $7.00, $10.00.	41 00
Dec. 3,	Otto U. King	25 00
Dec. 12,	R. H. Jones, Winston Salem, dues 1913	3 00
Dec. 14,	Robt. T. Oliver, U. S. A., dues 1913	5 00
Dec. 14,	Otto U. King	59 00
Dec. 26,	Otto U. King	68 00
July 7,	Southern Dues	7 00
Aug. 14,	Check	190 00
Total receipts		$8932.34

Disbursements.

1914

	July 10,	Burton Lee Thorpe	53 04
	July 10,	Homer C. Brown	303 28
	July 27,	Homer C. Brown	50 20
20	July 27,	Otto U. King	1200 00
27	July 27,	Whitelock Press	1681 73
21	July 27,	Otto U. King	50 00
23	July 27,	C. P. Laurence	3 20
24	July 27,	J. V. Conzett	177 31
26	July 27,	H. B. McFadden	24 73
28	July 27,	H. B. McFadden	200 00
31	July 27,	Jos. C. Bloodgood	29 25
32	July 27,	Edgar M. Carson	7 00
33	July 27,	Gerald G. Burns	30 53
34	July 27,	Central Law Reporting Co.	250 00
25	Aug. 6,	S. S. White Dental Mfg. Co.	462 43
36	Aug. 6,	Victor C. Vaughan	25 00
35	Aug. 6,	Wm. Crenshaw	304 10
37	Sept. 5,	Carl D. Lucas	13 57
38	Sept. 5,	Arthur D. Black	10 00
22	Sept. 11,	Otto U. King	1059 70
40	Sept. 11,	Otto U. King	320 00
43	Nov. 6,	Clinton G. Fish	58 00
42	Nov. 2,	Otto U. King	829 62
41	Nov. 2,	Otto U. King	320 00
39	July 10,	Fidelity & Deposit Co., Md.	40 00
44	Dec. 1,	Otto U. King	160 00
		Lincoln National Bank	19 00
Total disbursements			$7852 69
Receipts			$8932 34
Disbursements			7852 69
Balance Dec. 31, 1914			$1079 65

Receipts.

1915

Balance Dec. 31, 1914		$1079 65
Jan. 2,	Otto U. King	398 63
Jan. 8,	Otto U. King	2007 00
Total receipts		$3485 28

Disbursements.

1915

48	Jan. 4,	R. L. Polk Co	5 00
46	Jan. 4,	Otto U. King	160 00
47	Jan. 4,	Otto U. King	449 23
48	Jan. 9,	Henry L. Banzhaf	200 00
49	Jan. 11,	The Whitelock Press	734 05
50	Jan. 22,	A. C. Beckstine	33 65
51	Jan. 27,	The Whitelock Press	565 00
Total disbursements			$2146 93
Receipts			$3485 28
Disbursements			2146 93
Balance on hand at Dr. McFadden's death			$1338 35

ARTHUR R. MELENDY, Treasurer.

PROCEEDINGS OF THE HOUSE OF DELEGATES OF THE NATIONAL DENTAL ASSOCIATION.

TRUSTEES MEETING.

First Session of the Ad interim Committee, March 24, 1914, Chicago, Ill.

Pursuant to the call of the President of the National Dental Association, the Ad interim Committee met at the LaSalle Hotel at 10:00 A. M. March 24, 1914, with the following present: Drs. Brown, Buckley and King. After a short conference it was decided to hold a session at 4:00 o'clock with the following committees:

All elective officers and trustees, local committee, section officers, members of clinic committee, members of educational council and chairman of the Scientific Research Commission.

VOTED to recess until 10 A. M. March 25.

JOINT MEETING OF THE AD INTERIM COMMITTEE AND THE VARIOUS OTHER OFFICERS AND COMMITTEES.

The Ad interim Committee of the National Dental Association and the various elective officers, local committee, section officers, members of the clinic committee, members of educational council and chairman of the Scientific Research Commission met in the International room at the LaSalle Hotel at 4:00 P. M. Dr. Homer C. Brown, President, called the meeting to order. The following were present:

Homer C. Brown, Columbus, Ohio.
M. L. Rhein, New York City, N. Y.
J. P. Buckley, Chicago, Illinois.
Otto U. King, Huntington, Indiana.
H. E. Friesell, Pittsburgh, Pa.
Carl D. Lucas, Indianapolis, Ind.
C. R. Lawrence, Enid, Oklahoma.
Benjamin Sandy, Minneapolis, Minn.
A. P. Burkhart, Auburn, New York.
J. V. Conzett, Dubuque, Iowa.
Weston A. Price, Cleveland, Ohio.
A. J. Bush, Columbus, Ohio.
Edward G. Link, Rochester, N. Y.
William W. Smith, Rochester, N. Y.
Benedict S. Hert, Rochester, N. Y.
Chas. L. Brininstool, Rochester, N. Y.
W. A. White, Phelps, New York.
LaFayette L. Barber, Toledo, Ohio.
W. A. Griffin, Detroit, Mich.

DR. BROWN, after calling the meeting to order, explained that the Ad interim committee had called into conference the officers and committeemen present to receive reports and suggestions relative to the 1914 session at Rochester and while this body had no official authority it could recommend and suggest to the Ad interim Committee, for its consideration, any proposition that it deemed advisable, and that the Ad interim Committee would appreciate and take under advisement these recommendations and suggestions.

DR. EDWARD G. LINK gave a verbal report explaining that the local commit-

tee thought it better to secure the Exposition Park Buildings at Rochester for the 1914 meeting. Dr. Link explained that the necessary hotel accommodations had been secured.

DR. CONZETT moved that it is the sense of those present that the local committee be given authority to secure the most available place in Rochester to hold all sessions of the 1914 meetings. This motion was seconded and carried.

The President presented a tentative program, which he had outlined and which provided for two sections meeting simultaneously.

DR. RHEIN moved that as a suggestion to the Ad interim Committee it be the sense of those present that two section meetings be held at the same time, in different halls. Motion was seconded and carried.

DR. A. P. BURKHART moved that it be the sense of those present that the recommendations for an evening session for the Research Commission be granted. Motion was seconded and carried.

DR. CONZETT, Chairman of the Clinic Committee, gave a verbal report of the work being done by his committee and suggested that the program be so outlined as to give Wednesday A. M. and Friday A. M. to clinics.

VOTED that the work of the Clinic Committee be left in the hands of the chairman of that committee.

VOTED that the admission to the National meetings, clinics and exhibitors be left and referred to the Ad interim Committee for a ruling.

There being no further business before this body, the motion to adjourn was carried.

Second Session Ad interim Committee.

The Ad interim Committee met at 10 A. M. March 25, 1914, at the LaSalle Hotel. The following were present: Drs. Brown, Buckley and King.

The first matter of business to come before this committee was the presentation of all the itemized bills which were as follows:

C. L. Ricketts	$ 348.30
New Franklin Ptg. Co.	165.25
	485.30
Tucker-Kenworthy Co., printing.	488.60
Herald & News-Express Co., printing	61.60
Wabash Cabinet Co., Cabinets..	113.22
R. G. Mitchell, Insurance	12.50
Whitelock Press, Printing	1820.96
Homer C. Brown	450.83
*Total Secretary's expense to March 30, 1914	1340.14

*In the secretary's labor account is a saving of $315.00 due to the fact that we employed our own operators to run the graphotype and emboss the 21,000 wide printing plates for the addressograph.

VOTED that all bills be allowed.

The Secretary raised the question as to the amount to be charged for the use of the addressograph machinery and the help in addressing the envelopes, etc. to outside concerns.

VOTED that the Secretary charge $2.00 for the first thousand envelopes addrest for a commercial company and $1.00 per thousand thereafter, but to the dental profession a charge of $1.00 for the first thousand and fifty cents per thousand thereafter.

VOTED that the Scientific Research Commission be requested to arrange a symposium of their work for the evening general session of July 7th.

The tentative program as outlined by Dr. Brown met the approval of the other members of the committee.

VOTED that the Secretary prepare a report of the meeting of the Ad interim Committee with the various officers and committees and also a report of the

meeting of the Ad interim Committee setting forth its action on the various bills, etc., and submit this to the absent members of the committee for their approval.

Meeting adjourned.

Third Session Ad interim Committee, Rochester, N. Y., April 18, 1914.

The following members of the Ad interim Committee met in Rochester, New York, April 18. Drs. Brown, Burkhart and King.

The minutes of the March meetings of the Ad interim Committee were read and approved.

*VOTED that the date for the state societies to pay their dues in advance of the 1914 National meeting be extended to July 10th.

VOTED that Dr. Brown send a special telegram of greeting from the National to the various state societies upon the day of their state society meeting.

VOTED that the secretary of the National Dental Association open his office on Monday, July 6, in the Powers Hotel at Rochester, N. Y., in order that the House of Delegates and other members may be able to secure their credentials, buttons, etc., thus avoiding confusion and misunderstanding that might exist if the secretary's office was not opened up until the morning of the meeting.

There being no further business this meeting adjourned.

*(The committee found that some states would not be able to hold their annual meeting until after the time limit as specified in the constitution and by-laws of the National Dental Association for the payment of National dues and,therefore, it would be impossible for such states to pay dues this year and receive recognition in the House of Delegates. To accommodate these states the above motion was placed on record.)

Minutes of Meeting of Board of Trustees of National Dental Association Held at Exposition Park, Rochester, N. Y., July 7-10, 1914.

FIRST SESSION.

Exposition Park, July 7, 2:30 P. M.

Meeting called to order by Dr. Brown.

The following members were present: Drs. Brown, King, Hinman, Burkhart, Hartzell, Platt, Buckley, Warner, Grieves, Melendy and White.

Minutes of Ad interim Committee meeting of March 24, 25 and April 18 were read and approved.

DR. BURKHART suggested that an hour be set to take up the work of the Board of Trustees.

VOTED that upon adjournment the Board meet at the Powers Hotel at 5:00 P. M., July 7th.

VOTED to adjourn to Powers Hotel at 5:00 o'clock.

SECOND SESSION.

Powers Hotel, July 7, 1914, 5:00 P. M.

Meeting called to order by Dr. Brown at 5:00 P. M.

ROLL CALL: Drs. Brown, King, Hinman, Burkhart, Hartzell, Platt, Buckley, Warner, Grieves, Mellendy and White were present.

SECRETARY'S report read and discust.

DR. KING recommended that the next secretary be provided with an advance expense account.

THE SECRETARY presented all bills, itemized, which had been allowed by Ad interim Committee, and also unpaid bills as follows:

ITEMIZED STATEMENT OF DISBURSEMENTS AS TO EXPENDITURE ORDERS NOS. 1 TO 48, INCLUSIVE.

Jan. 7	*THE MATHEWS & NORTHRUP WORKS, balance on printing account		$ 25.00
Jan. 28	ADDRESSOGRAPH COMPANY, Graphotype and Addressograph machines, filing cabinets, frames, plates and complete equipment		1208.36
Jan. 29	FIDELITY & DEPOSIT COMPANY, premium on Treasurer's Bond of $5,000		20.00
Mch. 11	*OTTO U. KING, GENERAL SECRETARY, stenographer's services for eight months		400.00
Mch. 11	*WMS. DONNALLY, Legislative Committee		150.00
Mch. 11	GEORGE E. COLE & COMPANY, secretary's ledger and cash book, 5 state membership record boods, 1 treasurer's cash book and ledger		44.00
May 1	WHITELOCK PRESS, publishing two issues of the Bulletin, stationery, printing, etc.		1820.96
May 1	WABASH CABINET COMPANY, letter and membership card files		113.22
May 1	R. G. MITCHELL, insurance, premium on Addressograph machinery, files, fixtures, etc.		12.50
May 1	HERALD & NEWS-EXPRESS COMPANY, printing		61.60
May 1	OTTO U. KING, general secretary's account—stamps, postage, on Bulletin, etc.	$ 463.18	
	Freight	19.44	
	United States Express	13.74	
	Wells Fargo Express	14.82	
	Miscellaneous, drayage, telephones, telegraph, office supplies, etc.	174.91	
	Labor	636.05	
	Justin Lovett, office supplies (itemized bills filed with receipts)	8.00	
			$1340.14
May 4	C. L. RICKETTS, 10,000 certificates of membership, 10,000 mailing tubes, 12 post binders		348.30
May 4	NEW FRANKLIN PRINTING COMPANY, printing Constitution and By-Laws		165.25
May 4	TUCKER-KENWORTHY COMPANY, State and National membership cards		488.60
May 4	HOMER C. BROWN, official expenses		450.83
May 27	TUCKER-KENWORTHY COMPANY, additional membership cards		6.25
May 27	ADDRESSOGRAPH COMPANY, additional supplies for machines		67.71
June 11	*OTTO U. KING, GENERAL SECRETARY, stenographer's services for three months		150.00
July 7	*OTTO U. KING, GENERAL SECRETARY, stenographer's services for one month		50.00
July 10	OTTO U. KING, general secretary's office account—miscellaneous, express, electricity, supplies, freight, etc.	$ 144.96	
	Stamps	387.27	
	Labor, rent, etc.	438.20	
	March 9, 1914, stenographer's desk	25.35	
	Expense for stenographer, telegram, express, etc., at Rochester	63.92	
			1059.70

July 10—J. V. CONZETT, chairman clinic committee		177.31
July 10—HOMER C. BROWN, president's office expenses		303.28
July 10—OTTO U. KING, general secretary's salary		1200.00
July 10—C. R. LAWRENCE, president of state society officers' Section		3.20
July 10—WHITELOCK PRESS, printing of one issue of Bulletin, 1914 program, etc.		1681.75
July 10—BURTON LEE THORPE, secretary of F. D. I. committee		53.04
July 10—H. B. McFADDEN, treasurer's expense account		24.73
July 10—H. B. McFADDEN, treasurer's salary		200.00
July 10—The S. S. WHITE DENTAL MFG. COMPANY, printing and mailing 1913 transactions		462.43
July 10—HOMER C. BROWN, cablegrams and telegrams at Rochester		50.20
July 10—JOSEPH C. BLOODGOOD, guest of the association		29.25
July 10—EDGAR M. CARSON, stenographer, stamps, etc., clinic committee		7.00
July 10—GERALD G. BURNS, postage, express, stenographers, printers, clinic committee		30.53
July 10—CENTRAL LAW REPORTING COMPANY, reporters of 1914 meeting		250.00
July 10—WILLIAM CRENSHAW, chairman of legislative committee, typewriting, telegrams, postage, etc.		304 10
July 10—VICTOR C. VAUGHAN, express and traveling, guest of association		25.00
July 10—CARL D. LUCAS, stamps, telegrams, stenographer, Section II		13.57
July 10—ARTHUR D. BLACK, stamps, express and telephone		10.00
July 10—FIDELITY & DEPOSIT COMPANY, premium on treasurer's bond of $10,000		40.00
Sept. 2—OTTO U. KING, general secretary's salary for two months, and stenographer		320.00
Nov. 2—OTTO U. KING, general secretary's and stenographer's salary for two months		320.00
Nov. 3—OTTO U. KING, general secretary's expense account, stamps and postage on Bulletin	$ 228.28	
Express, telephone, telegraph and drayage	28.94	
Electricity, labor, rent and supplies	467.48	
Miscellaneous	72.98	
Statement of miscellaneous, since record was made up	31.94	
		829.62
Nov. 3—CLINTON G. FISH, designer of Bulletin cover		58.00
Dec. 1—OTTO U. KING, general secretary's and stenographer's salary		160.00
Dec. 24—R. L. POLK & COMPANY, directory		5.00
Dec. 31—OTTO U. KING, general secretary's and stenographer's salary		160.00
Dec. 31—OTTO U. KING, general secretary's expense account—express, telephone, telegraph and freight	$ 20.47	
Stamps and postage	133.48	
Labor, rent, electricity and supplies	253.67	
Car fare, hotel expenses, and miscellaneous	41.61	
		449.23
Dec. 31—HENRY L. BANZHAF, secretary-treasurer of The Dental Educational Council of America		200.00
Total		$15,349.66

*Authorized by Board of Trustees at Kansas City in 1913.

VOTED that when the Secretary's account is approved, that 3% be added to reimburse him for advancing the large sum of money which he advanced.

VOTED that this Board approve the reports of the Ad interim Committee and appoint a committee of two to go over all bills with the Secretary. Drs. Melendy and White were appointed to serve on this auditing committee.

VOTED that upon adjournment this Board meet at Exposition Park at 12 o'clock noon, July 8th.

VOTED that it will meet with the approval of this Board for Dr. Platt to present his pictures, etc., in reference to Panama Pacific Exposition, on Thursday night following the scheduled program.

MEETING ADJOURNED to 12:00 o'clock July 8th.

THIRD SESSION.

EXPOSITION PARK, July 8, 12:00 noon.

Meeting called to order by Dr. Brown at 12:15 noon.

Minutes of two previous meetings read and approved.

VOTED that the Board of Trustees recommend that whatever balance is turned over by the local committee be transferred to the Research Commission Fund.

AUDIT COMMITTEE, thru Dr. Melendy, reported that the Secretary's books were well and systematically kept and that the vouchers were covered by receipted bills, but that there is an immense mass of receipts which will take two or three days to audit. This committee recommended that when convenient to close the books of the Secretary they be audited by an audit company or certified auditor.

VOTED that the Secretary be directed to employ an auditor to audit his books to August 1, 1914, payment of the auditor to be made by an order drawn on the Treasurer. (Books balanced and audited on January 1, 1915. See report on page 71, Volume 2, No. 1, of The Journal.)

VOTED that the Secretary be authorized to submit his monthly expense account to the Ad interim Committee and when approved the Secretary and President shall draw an order on the Treasurer to cover same.

VOTED that nothing be published in the minutes except the actual business transpiring and the motions past in proper form and that no remarks with reference to the motions be included in the minutes for publication.

VOTED to adjourn to meet at Powers Hotel tomorrow morning, July 9th, at 9:00 o'clock.

ADJOURNED 1:15 P. M.

FOURTH SESSION.

Powers Hotel, July 9th, 7:30 P. M.

Meeting called to order by Dr. Brown.

ROLL CALL: Drs. Hinman, Brown, Hartzell, Burkhart, Melendy, Buckley, Warner, Platt and King were present.

The following were nominated as members of the Scientific Foundation and Research Commission: Dr. Homer C. Brown, to fill the unexpired term of the late Dr. M. H. Fletcher, and Drs. George E. Hunt, Indianapolis, Ind., Samuel H. McAfee, New Orleans, La., M. Williams, Rutland, Vt., G. T. Williams, Seattle, Wash., and W. T. Farrar, Louisville, Ky., to serve five years.

The Secretary was instructed to read these names to the House of Delegates for their confirmation. (See the Journal, Vol. II, No. 1, page 69).

VOTED that the Educational Council be allowed $200.00 for work accomplished and to cover work for the coming year.

VOTED that the present representation of the National Dental Association on the Dental Educational Council of America be continued at follows: Drs. J. V. Conzett, Chairman, 256 Thirteenth St., Dubuque, Ia.; Louis Meisburger, 85 North Pearl Street, Buffalo, N. Y., Arthur R. Melendy, Holston National Bank Building, Knoxville, Tenn.; LaFayette L. Barber, 718 Spitzer Bldg., Toledo, Ohio; George N. West, 32 North State St., Chicago, Ill.

VOTED that all bills presented and read be allowed.

VOTED that an order of $150.00 be allowed to the official reporters now and the balance of $100 at the time all manuscripts and completed reports are received by the Secretary.

DR. HERBERT L. WHEELER, Chairman of the Journal Committee, submitted his report. (See report in The Journal, Vol. II, No. 1, page 67).

VOTED that the Journal Committee's report be adopted as a whole.

MOVED to adjourn until July 9th at 3. P. M.

FIFTH SESSION.

Exposition Park, July 9, 3:00 P. M.

Meeting called to order by Dr. Brown. All members of the Board were present.

VOTED that the salary of the Treasurer for next year be fixed by this Board at $100.00 per annum.

VOTED that the Treasurer be directed to invest the uninvested funds of the National Relief Fund or place same on deposit as Treasurer of the National Association in a Trust Company or Savings Bank to be approved by the President and Secretary-elect.

VOTED that the Secretary be allowed $15.00 a week or $780.00 a year for a stenographer's services, payments to be made monthly.

VOTED that the salary of the Secretary be fixed at $1200.00 per annum for last year and the same amount for the ensuing year, payments for the ensuing year to be made monthly.

Nominations for Treasurer.

VOTED that Drs. H. B. McFadden and J. V. Conzett be nominated by this Board as candidates for Treasurer.

VOTED to adjourn to meet at 7 P. M. at Powers Hotel.

ADJOURNED.

SIXTH SESSION.

Powers Hotel, July 9, 8:15 P. M.

Meeting called to order by Dr. Brown.

Dr. Brown reported as to his knowledge with regard to employment of attorney by Legislative Committee.

VOTED that no moneys be expended or obligations incurred by the various committees outside of their expenses, such as postage, printing, etc., without the consent of the Board of Trustees and that the Secretary be directed to send a notice of this resolution to the chairman of each committee.

The members of the various Standing Committees and The Journal Committee, were nominated and the General Secretary was instructed to report same to the House of Delegates. (See Volume 2, No. 1, pages 68-69 of The Journal.)

Communication read from Merchants' Association of New York in relation to 1919 International Congress, and it was

VOTED that it be recommended to the House of Delegates that the Seventh International Dental Congress be invited to hold their next convention in New York City.

VOTED that the Treasurer be directed to furnish a bond in the sum of $10,000.00, expense of same to be paid by the National Dental Association.

VOTED to adjourn until 10:45 A. M., tomorrow at Exposition Park.

SEVENTH SESSION.

Exposition Park, July 10, 10:45 A. M.

Meeting called to order by Dr. Brown.

VOTED that expense of cablegrams and telegrams sent to London, Eng., and Washington, D. C., by President Brown be ordered paid.

VOTED that the Legislative Committee's bill of $304.10 be ordered paid and the order sent to the Chairman of the Committee.

VOTED that Carl D. Lucas, chairman of section 2, expense account of $13.57 be allowed.

VOTED that S. S. White bill for publishing the proceedings, amounting to $462.43, be ordered paid.

VOTED that the proceedings of this convention be published in the Bulletin under the direction of the Ad interim Committee and the Journal Committee.

VOTED that the Ad interim Committee consist of the President-elect and Secretary-elect, Drs. Buckley, Burkhart and Ward.

VOTED that the appointment of the Committee on Oral and Dental Hygiene, as a standing committee be referred to the Ad interim Committee for appointment.

VOTED that the Ad interim Committee be directed to print the Constitution and By-Laws in amended form as adopted at this convention.

VOTED to adjourn.

First Session of the New Ad interim Committee.

Powers Hotel,

Rochester, N. Y, July 10, 2 P. M.

DR. DON M. GALLIE of Chicago, the new President, called the meeting to order and announced that we were ready to transact business.

Members present were Drs. Don. M. Gallie, J. P. Buckley, H. J. Burkhart and Otto U. King.

VOTED that an order be drawn on the treasury for $7.00 for bill filed by Edgar M. Carson, member of the Clinic Committee.

The bill of $30.53 for Dr. Gerald G. Burns, member of the Clinic Committee, was read and upon motion made, seconded and carried this bill was authorized to be paid.

DR. HOMER C. BROWN, Chairman of the Legislative Committee, appeared before the Committee and after due consideration, the following motion was past.

VOTED that the Legislative Committee be instructed to carry out the legislation approved by the House of Delegates and that the sum of one hundred dollars ($100) be appropriated to this committee.

VOTED that the Lincoln National Bank of Rochester be the depository for funds of the National Relief Fund.

VOTED that all relief funds of the National Dental Association now or hereafter deposited with the Lincoln National Bank of Rochester, Rochester, New York, be subject to the check of the Association, signed Relief Fund, National Dental Association, by its treasurer.

VOTED that the bond of the treasurer be approved by the President and Secretary.

The following were appointed on the Oral and Dental Hygiene Committee: Drs. W. H. G. Logan, Chicago, Chairman; J. D. Patterson of Kansas City, Mo., Stanley L. Rich of Nashville, Tenn.; H. F. Hoffman, Denver; Col. and W. D. Tracy of New York City.

There being no further business the meeting adjourned.

Appendix.

Officers and Committees

——OF THE——

National Dental Association

(Elected and appointed at Rochester, N. Y., July 7-10, 1914.)

OFFICERS

Donald Mackay Gallie, President.....Suite 1012, Reliance Bldg., Chicago, Ill.
Edward G. Link, First Vice President.....226 Cutler Bldg., Rochester, N. Y.
L. P. Dotterer, Second Vice President.....102 Broad St., Charleston, S. C.
Clarence V. Watts, Third Vice President.....317 Sixth St., Des Moines, Iowa.
Otto U. King, General Secretary.....Huntington, Ind.
Arthur R. Melendy, Treasurer.....Holston Nat'l Bank Bldg., Knoxville, Tenn.

BOARD OF TRUSTEES

Donald Mackay Gallie, President, Ex-Officio.
Otto U. King, General Secretary, Ex-Officio.
H. J. Burkhart, '17, Batavia, N. Y.
J. P. Buckley, '17, Chicago, Ill.
Thomas P. Hinman, '17, Atlanta, Ga.
Clarence J. Grieves, '16, Baltimore, Md.
Waldo E. Boardman, '16, Boston, Mass.
Marcus L. Ward, '16, Ann Arbor, Mich.
Thomas B. Hartzell, '15, Minneapolis, Minn.
C. L. White, '15, Oklahoma City, Okla.
S. W. Wherry, '15, Ogden, Utah.

SECTION OFFICERS

Section I.

H. E. Friesell, Chairman, 1206 Highland Bldg., Pittsburg, Pa
E. G. Coolidge, Vice-Chairman, 59 E. Madison St. Chicago, Ill.
DeLos L. Hill, Secretary.....Atlanta, Ga.

Section II.

Chalmers J. Lyons, Chairman....Ann Arbor, Mich.
F. B. Moorehead, Vice-Chairman, People's Gas Bldg., Chicago, Ill.
Mark E. Vance, Secretary, Fraternity Bldg., Lincoln, Neb.

Section III.

C. W. Mills, Chairman, Chillicothe, Ohio.
L. E. Custer, Vice-Chairman 28 North Ludlow St., Dayton, Ohio.
W. Ernest Walker, Secretary, 157 Baronne St., New Orleans, La.

STATE SOCIETY OFFICERS' SECTION.

Benjamin Sandy, Chairman, Syndicate Bldg., Minneapolis, Minn.
C. R. Lawrence, Vice-Chairman. Enid, Oklahoma.
A. P. Burkhart, Secretary, 53 Genesee St., Auburn, N. Y.

STANDING COMMITTEES

Judicial Council.

J. R. Callahan, 25 Garfield Place, Cincinnati, O.
R. Ottolengui, 80 W. 40th St., New York City.
Victor S. Jones, Bethlehem, Pa.
Arthur D. Black, 1533, 122 S. Michigan Ave., Chicago, Ill.
Charles H. Oakman, 27 Grand River Ave., Detroit, Mich.

Dental Education.

H. E. Friesell, '19, Chairman, 1206 Highland Bldg., Pittsburg, Pa.
Leuman M. Waugh, '18, Secretary, 576 Fifth Ave., New York City.
C. C. Allen, '17, 10th & Troost, Kansas City, Mo.,
Shirley W. Bowles, '16, 1616 I St., Washington, D. C.
Fred W. Gethro, '15, 917 Marshall Field Bldg. Chicago, Ill.

Dental Legislation.

Homer C. Brown, '19, 185 E. State St., Columbus, Ohio.
C. B. Gifford, '18, Grandby St., Norfolk, Va.
A. O. Ross, '17, 807 N. High St., Columbus, Ohio.
Herbert L. Wheeler, '16, 560 Fifth Ave., New York City.
Charles R. E. Koch, '15, 31 W. Lake St., Chicago, Ill.

Transportation and Place of Sessions.

Victor H. Jackson, 40 E. 41st St., New York City.
H. F. Hoffman, 321 Metropolitan Bldg., Denver Colo.
Joseph D. Eby, 519 Grant Bldg., Atlanta, Ga.
D. C. Bacon, 31 N. State St., Chicago, Ill.
Henry Woods Weirick, 503-4 Mechanics Bldg., San Francisco, Cal.
J. P. Marshall, 7401 Hazel Ave., Maplewood, St. Louis, Mo.

SPECIAL COMMITTEES

Ad Interim Committee.

Donald Mackay Gallie, State 1012 Reliance Bldg., Chicago, Ill.
Otto U. King, Huntington, Ind.
J. P. Buckley, 163 State St., Chicago, Ill.
H. J. Burkhart, Batavia, N. Y.
Marcus L. Ward, Ann Arbor, Mich.

Dental Journal.

Herbert L. Wheeler, 560 Fifth Ave., New York City.
Otto U. King, Huntington, Ind.
Burton Lee Thorpe, 3605 Lindell Boulevard, St. Louis, Mo.
W. E. Grant, Starks Bldg., Louisville, Ky.
W. H. G. Logan, 29 E. Madison St., Chicago, Ill.

Public Health.

M. F. Finley, Chairman, 1928 I St., N. W., Washington, D. C.
S. W. Bowles, Vice-Chairman, 1616 I St., N. W., Washington, D. C.,
W. Smith Frankland, Secretary, The Burlington, Washington, D. C.
W. Clyde Davis, Lincoln, Neb.
W. A. White, Phelps, N. Y.
S. A. Long, McAlester, Okla.

Scientific Foundation and Research Commission.

Weston A. Price, '18, Cleveland, Ohio.
Thomas P. Hinman, '18, Atlanta, Ga.
Clarence J. Grieves, '18, Baltimore, Md.
John V. Conzett, '18, Dubuque, Iowa.
Eugene R. Warner, '18, Denver, Colo.
Edward C. Kirk, '17, Philadelphia, Pa.
William Carr, '17, New York City.
Truman W. Brophy, '17, Chicago, Ill.
G. V. Black, '17, Chicago, Ill.
Homer C. Brown, '17, Columbus, Ohio.
Thomas B. Hartzell, '16, Minneapolis, Minn.
Arthur R. Melendy, '16, Knoxville, Tenn.
Edward S. Gaylord, '16, New Haven, Conn.
Henry C. Ferris, '16, New York City.
Charles C. Allen, '16, Kansas City, Mo.
Frank O. Hetrick, '15, Ottawa, Kans.
Marcus L. Ward, '15, Ann Arbor, Mich.
Frank L. Platt, '15, San Francisco, Cal.
C. S. Van Horn, '15, Bloomington, Pa.
R. H. Volland, '15, Iowa City, Iowa.
Carl D. Lucas, '19, Indianapolis, Ind.
Samuel H. McAfee, '19, New Orleans, La.
P. M. Williams, '19, Rutland, Vt.
George. T. Williams, '19, Seattle, Wash.
W. T. Farrar, '19, Louisville, Ky.
Donald Mackay Gallie, Ex-Officio, Chicago, Ill.
Otto U. King, Ex-Officio, Huntington, Ind.

Pharmacopoeial.

M. F. Finley, Chairman, 1928 I. St., N. W., Washington, D. C.
A. H. Peck, Chicago, Ill.
Joseph Head, Philadelphia, Pa.

National Relief Fund.

Edward S. Gaylord, Chairman, New Haven, Conn.
L. G. Noel, 527 Church St., Nashville, Tenn.
William T. Chambers, Denver, Colo.
James McManus, Hartford, Conn.

Necrology.

C. W. Strang, Chairman, Sanford Bldg., Bridgeport, Conn.
N. S. Hoff, Secretary, Ann Arbor, Mich.

Oral and Dental Hygiene.

W. H. G. Logan, Chairman, Chicago, Ill.
J. D. Patterson, Kansas City, Mo.
Stanley L. Rich, Nashville, Tenn.
H. F. Hoffman, Denver, Colo.
W. D. Tracy, New York City.

Dental Museum and Library.

G. W. Boynton, Chairman, Woodward Bldg., Washington, D. C.
Thomas L. Rust, Vice-Chairman, 1408 L. St., N. W., Washington, D. C.
C. A. Hawley, Secretary, The Rochambeau, Washington, D. C.
Chester B. Reed, Topeka, Kansas.
William O. Hulick, Cincinnati, Ohio.
Henry W. Morgan, Nashville, Tenn.
H. D. Chipps, Corinth, Miss.
Thomas E. Purcell, Kansas City, Mo.

History.

Charles McManus, Chairman, 80 Pratt St., Hartford, Conn.
J. G. Fife, Vice-Chairman, 736 Wilson Bldg., Dallas, Texas.
Alfred P. Lee, Secretary. 719 Real Estate Trust Bldg., Philadelphia, Pa.
Waldo E. Boardman, Boston, Mass.
Henry L. Ambler, Cleveland, Ohio.
Henry L. Whipple, Quincy, Ill.
J. W. Roper, Evansville, Ind.
J. P. Marshall, St. Louis, Mo.
Charles W. Mills, Chillicothe, Ohio.

Law.

C. B. Warner, Chairman, Urbana, Ill.
J. A. Libby, Pittsburgh, Pa.
E. N. Kent, Brookline, Mass.

Miller Memorial.

Truman W. Brophy, Chairman, 81 East Madison St., Chicago, Ill.
William Carr, New York City.
B. Holly Smith, Baltimore, Md.

Federation Dentaire International Delegates

Truman W. Brophy, Chairman,
81 East Madison St., Chicago, Ill.
Burton Lee Thorpe, Secretary,
3605 Lindell Blv'd., St. Louis, Mo.
William Carr, New York City.
S. H. Guilford, Philadelphia, Pa.
Waldo E. Boardman, Boston, Mass.

Representatives on Educational Council of America.

J. V. Conzett, Chairman, 256 Thirteenth St.,
Dubuque, Iowa.
Louis Meisburger, 85 North Pearl St.,
Buffalo, N. Y.
Arthur R. Melendy, Holston National Bank Bldg.,
Knoxville, Tenn.
LaFayette L. Barber, 718 Spitzer Bldg.,
Toledo, Ohio.
George N. West, 32 North State St., Chicago, Ill.

Governmental Delegates to Sixth International Dental Congress.

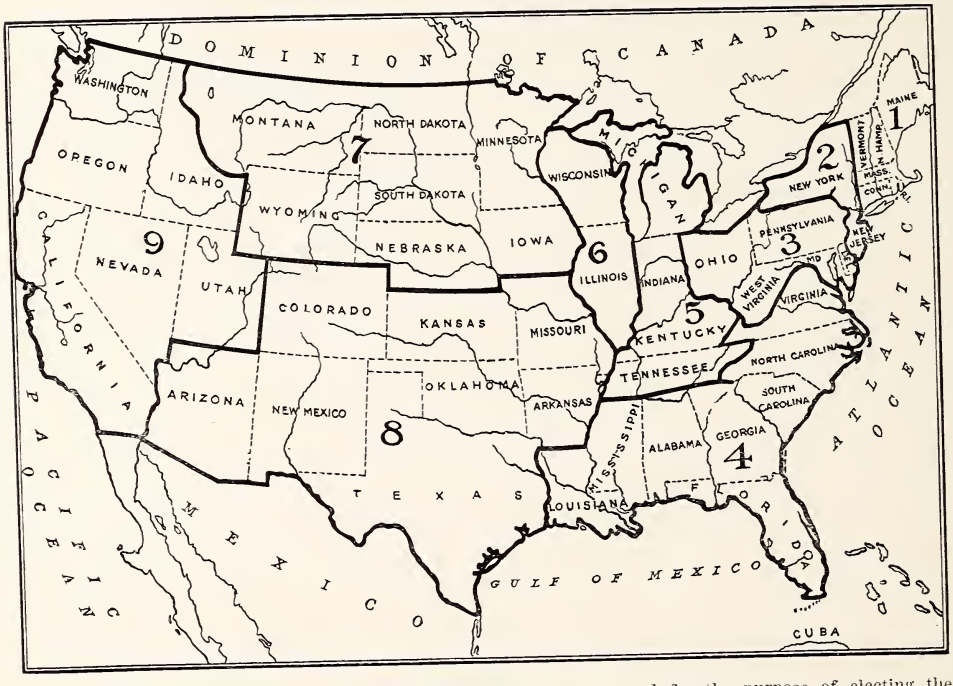
Barber, Lafayette, Toledo, Ohio.
Boardman, Waldo E., Boston, Mass.
Brophy, Truman W., Chicago, Ill.
Brown, Homer C., Columbus, Ohio.
Burkhart, Harvey, Batavia, N. Y.
Carr, William, New York City, N. Y.
Dowsley, John F., Boston, Mass.
Hartzell, Thomas B., Minneapolis, Minn.
Hinman, Thomas P., Atlanta, Ga.
King, Otto U., Huntington, Ind.
Kirk, Edward C., Philadelphia, Pa.
McManus, James, Hartford, Conn.
Rodgers, Charles W., Boston, Mass.
Smith, T. Sydney, Palo Alto, Cal.
Thorpe, Burton, L., St. Louis, Mo.

S. J. Resolution 105 passed the House of Representatives July 7th and provided for the acceptance by the United States Government the official invitation of the English Government in connection with the Sixth International Dental Congress, London, England, August 3rd to 8th. This invitation was extended and accepted in behalf of the dental profession of the countries named and farther provided for the appointment, by President Wilson, of fifteen delegates to officially represent the United States at the Congress.

THE NINE DISTRICTS FOR 1914.

The Committee on Amendments submitted to the House of Delegates the following report which gives a list of states in the various districts with the number of members from each state and its total representation in the House of Delegates.

This report was adopted and the various districts organized and elected their trustee.



The nine districts into which the constituent societies are grouped for the purpose of electing the Board of Trustees, each district having about one-ninth of the active membership of the Association and entitled to one member on the Board of Trustees.

No. 1.

Maine	38	1
New Hampshire	16	1
Vermont	40	1
Massachusetts	491	3
Rhode Island	134	2
Connecticut	353	3
	1072	11

No. 2.

New York	1366	8
New Jersey	131	2
	1497	10

No. 3.

Pennsylvania	462	3
Delaware		
Maryland	95	1
West Virginia	37	1
Ohio	1128	7
	1722	12

No. 4.

Virginia	167	2
Dist. of Columbia	110	2
Capitol	30	1
Army	50	1
Navy	2	
North Carolina	78	1
South Carolina	103	2
Georgia	5	
Florida	105	2
Alabama	109	2
Mississippi	158	2
Louisiana	102	2
Porto Rico	34	1
Canal Zone		
	1053	18

No. 5.

Michigan	554	4
Indiana	551	4
Kentucky	315	3
Tennessee	69	1
	1489	12

No. 6.

Wisconsin	12	1
Illinois	1766	10
	1778	11

No. 7.

Iowa	590	4
Minnesota	321	3
Nebraska	384	3
North Dakota	118	2
South Dakota	2	
Wyoming	1	1
Montana	64	1
	1480	14

No. 8.

Missouri	515	4
Kansas	301	3
Colorado	133	2
Arkansas	86	1
Oklahoma	184	2
Texas	141	2
Arizona	29	1
New Mexico	31	1
	1420	16

No. 9.

Washington	202	2
Oregon	179	2
California	501	4
S. California	101	2
Idaho		
Nevada		
Utah		
Alaska		
Philippine Islands		
Hawaiian Islands		
	983	10

CONSTITUTION AND BY-LAWS AND CODE OF ETHICS

OF THE

NATIONAL DENTAL ASSOCIATION

(Revised, as Amended by House of Delegates, at 1914 Session)

CONSTITUTION

ARTICLE I.

Name.

The name of this organization shall be the National Dental Association.

ARTICLE II.

Object.

The object of this Association shall be to promote the art and science of dentistry. To achieve this the Association shall endeavor to unite the dental profession of the United States into one compact body, thus creating a power the units of which, working with a harmony of purpose, will foster fraternal relations and intercourse among dentists; safeguard the material interests of the profession; elevate the standards and improve the methods of dental education; secure the enactment and enforcement of just dental laws, while aiming at a unification of state dental statutes, and enlighten and direct public opinion in relation to oral hygiene, dental prophylaxis and advanced scientific dental service.

ARTICLE III.

Membership.

The membership of this Association shall consist of the present members, and such members of the Constituent Societies, and such members of the Army Dental Corps, and of the Navy Dental Corps, and such others as shall be elected in accordance with the By-Laws, as hereinafter provided.

ARTICLE IV.

Constituent Societies.

Section 1.—State and Territorial Societies which have, or which hereafter may, become organized in conformity with the general plan of the National Dental Association, and which have declared their allegiance to said National Dental Association, and which shall agree to the formation and perpetuation of the House of Delegates, shall be recognized as Constituent Societies, upon a majority vote of the Board of Trustees.

Sec. 2.—The term "State Society" shall be understood to mean the representative dental organization of any one of the States which have been received into the Union, and whose active membership is restricted to legal practitioners practicing within the legal borders of such State. The term "Territorial Society" shall apply in similar manner to the representative dental organization of any of the territorial possessions of the United States. Provided, however, that the term "Territorial Society" shall be held to include the societies of the District of Columbia, of the Canal Zone, and of the insular possessions of the United States.

ARTICLE V.

The House of Delegates.

Section 1.—There shall be a business body known as the House of Delegates of the National Dental Association. It shall consist of delegates elected by the Constituent Societies, and by the other dental bodies named in Section 2 of this article. The House of Delegates shall represent the delegated powers of the members of the National Dental Association, and shall be the national representative body of the Constituent Societies. It shall elect the general officers of the

Association and a board of nine trustees, and shall transact all the business of the Association, public, professional, or scientific, not otherwise provided for. The trustees shall be members of the House of Delegates, without the right to vote.

Sec. 2.—The total voting membership in the House of delegates, exclusive of the Board of Trustees, shall be as follows: One delegate shall be allowed from each Scientific Section, from the Army Dental Corps, from the Navy Dental Corps, and one from each Constituent Society. Each Constituent Society shall be entitled to one additional delegate if one hundred of its members become regularly enrolled as members of the National Dental Association; and one more delegate for each additional two hundred members enrolled.

Explanatory.—Regardless of enrollment in the National Dental Association each Constituent Society would have one delegate.

With 100 members in the National, two delegates.

With 300 members in the National, three delegates.

With 500 members in the National, four delegates.

With 700 members in the National, five delegates.

With 900 members in the National, six delegates.

With 1100 members in the National, seven delegates.

With 1300 members in the National, eight delegates.

With 1500 members in the National, nine delegates.

In case any States do not affiliate, all members of the National Dental Association residing in such States may meet together at the first meeting of any session of this Association, and elect one delegate to represent them in the House of Delegates.

Sec. 3.—In those states or territories in which more than one society is recognized as a constituent, the total number of delegates from such state or territory shall be computed on the total number of members enrolled in the National Dental Association from such state or territory, or the District of Columbia, and the number of delegates from such constituent societies in each state or territory shall be in proportion to the membership in each.

ARTICLE VI.

Sections.

Section 1.—This Association shall be divided into three sections, as follows:

Section I shall have charge of operative dentistry, nomenclature, literature, dental education and allied subjects.

Section II shall have charge of oral surgery, anatomy, physiology, histology, pathology, etiology, prophylaxis, oral hygiene, materia medica and allied subjects.

Section III shall have charge of prosthodontia, orthodontia, metallurgy, chemistry and allied subjects.

Sec. 2.—New sections may be created or existing sections discontinued or modified by the House of Delegates.

Sec. 3.—There shall also be a State Society Officers' Section, composed of the Presidents, Vice-Presidents, Secretaries and Treasurers of the Constituent Societies. All members of this Section shall retain their active membership for one year after their official connection with their respective Societies, and shall thereafter be honorary members of this Section. All past Presidents of State Societies shall be honorary members of this Section.

ARTICLE VII.

Scientific Foundation and Research Commission.

The Association shall organize and maintain a Scientific Foundation and Research Commission of twenty-five members, who shall be elected by the Board of Trustees.

ARTICLE VIII.

Annual Sessions.

The National Dental Association shall hold an annual session at the time and

place chosen by the House of Delegates. The time and place for the session, however, may be changed by a two-thirds vote of the Board of Trustees, but not later than sixty days prior to the time selected for the session.

ARTICLE IX.

Officers.

Section 1.—The general officers of the Association shall be a President, three Vice-Presidents, a General Secretary and a Treasurer.

Sec. 2.—The officers shall be elected annually by the House of Delegates, to serve for one year, or until their successors shall have been elected and installed.

ARTICLE X.

Board of Trustees.

Section 1.—The Board of Trustees shall have charge of the property and of the financial affairs of the Association. Appropriations for other than ordinary expenses of the Association shall have the approval of a majority vote of the House of Delegates.

Sec. 2.—Three Trustees shall be elected annually by the House of Delegates, each to serve for a period of three years.

Sec. 3.—Each member of the Board of Trustees shall be elected from one of the nine districts into which the constituent societies shall be grouped for this purpose as provided for in Chapter VII, Section 2 of the by-laws.

ARTICLE XI.

Dues and Assessments.

Section 1.—The annual dues in this Association shall be one dollar, payable January 1st, for the ensuing year.

Sec. 2.—Members of the Army and Navy Dental Corps may be elected to full membership, with all privileges, on payment of the annual dues.

Sec. 3.—All members of the National Dental Association in good standing shall receive the Journal free. To members of State Dental Societies, not enrolled in the National Dental Association, the subscription to the Journal shall be two dollars; and to all others the subscription shall be three dollars; provided that if this should be in conflict with the rules of the U. S. Postal authorities the Board of Trustees may reduce the general subscription to two dollars.

Sec. 4.—In case of need, in order to raise funds, the House of Delegates may order an assessment not to exceed two dollars in one year, for each member; or an assessment not to exceed fifty dollars in one year upon each Constituent Society, but not both.

ARTICLE XII.

Amendments.

The House of Delegates may amend or alter this Constitution at any annual session, due notice having been given at a previous meeting of said annual session, provided unanimous consent may be obtained. Otherwise all amendments must lie on the table until the annual session next following their introduction, at which time a two-thirds vote will be requisite for their adoption. In the latter procedure due notice of the substance, or if not too lengthy, the exact wording of the proposed changes must be sent to each member of the House of Delegates with the regular notice of the annual session.

BY-LAWS

CHAPTER I.

Membership.

Section 1.—Active members. The presentation of a properly certified roster of members in good standing of a constituent society, together with the annual dues, shall establish the full membership of each member of this Association.

Sec. 2.—Sixty (60) days after the annual meeting of the Association the General Secretary shall drop from membership roll the names of all whose dues for the current year shall not have been received.

Sec. 3.—A member who becomes a res-

ident of another State, to retain his membership in the National Dental Association, must become a member of the Constituent Society in the State to which he has removed.

Section 4.—Honorary Members.—Dentists who have arisen to pre-eminence in foreign countries shall be eligible to honorary membership. They may be elected by the House of Delegates on nomination by a Section, but not more than three honorary members shall be elected in any one year.

Sec. 5.—Associate Members.—Associate membership may be granted by the House of Delegates to distinguished visitors. Such membership accords all privileges for one year, including the Journal of the Association.

Sec. 6.—Membership of all classes may be declared forfeited by the House of Delegates for reasons considered sufficient by that body.

CHAPTER II.

Registration.

Section 1.—No member shall take part in the proceedings of the Association or of any Sections until he has registered with the General Secretary and secured an official badge of the Association.

Sec. 2.—A member desiring to take part in the scientific work of the Association shall indicate, when registering, the Section in which he wishes to be enrolled.

CHAPTER III.

Admission to Meetings.

Section 1.—Admission to all general sessions, section meetings and clinics of the Association shall be limited to those persons who have received the official badge of the Society, issued by the General Secretary.

Sec. 2.—The General Secretary shall issue membership cards to all active members when their dues are paid, and on the occasion of the annual meeting of the Association shall issue membership badges to such members on presentation of their membership cards, or satisfactory evidence of the fact that such cards have been issued.

Sec. 3.—Membership badges shall be issued to all honorary and associate members, on presentation of satisfactory evidence of such membership.

Sec. 4.—Guest badges may be issued to all visiting dentists from other countries, to physicians, and to non-dental friends of members, at the discretion of the General Secretary.

Sec. 5.—Exhibitors' badges may be issued to exhibitors and their employes.

Sec. 6.—A guest badge may be issued to legally qualified practitioners of dentistry residing within the United States, or its possessions, who are not members of this Association, upon the filing with the General Secretary of a properly signed application for membership, accompanied by the membership fee of this Association and of the Constituent Society in the jurisdiction of which the applicant resides, indorsed by two members of such Constituent Society. Immediately after the meeting of this Association, the General Secretary will forward all such application blanks, together with the amounts paid with each, to the proper officials of the respective constituent Societies, to be acted upon by such Societies under their rules.

CHAPTER IV.

Qualifications, Terms and Registration of Delegates and Alternates.

Section 1.—No one shall serve as a member of the House of Delegates who is not a member of this Association.

Sec. 2.—Delegates and alternates from the Scientific Sections and from the Army and Navy Dental Corps shall be elected for one year.

Sec. 3.—The number of delegates to which each Constituent Society may be entitled shall be based on the number of members from whom dues for the current year shall have been received by the General Secretary of this Association as least thirty days prior to the first day of the annual session of this Association.

Sec. 4. In the cases of those Constituent Societies which do not hold meetings of the current year at least forty-five days prior to the Annual Session of this Association, the number of delegates shall be estimated on the dues for the previous year received by the General Secretary of this Association.

Sec. 5.—To be represented in the House of Delegates the officers of each Constituent Society shall file with the General Secretary of this Association, at least thirty days prior to the first day of the Annual Session, a list of the names of its delegates and alternates.

Sec. 6.—Previous to the Annual Session the General Secretary of this Association shall prepare and have printed a list of the delegates and alternates, elected by the various Constituent Societies; also the number of paid members of each. In case any Society has elected more delegates than the number to which its paid membership shows it to be entitled, the General Secretary, in preparing the list, shall drop one or more names from the list of such Society, beginning at the bottom of the list, until the proper number of names remain.

Sec. 7.—At any election of delegates, the body electing may at the same time elect as many alternates as delegates, and the alternate of each delegate may sit in his stead in the House of Delegates in the absence of the regular delegate from any annual session, except as provided in Section 9 of this chapter.

Sec. 8.—Every delegate must present his credentials and be duly registered by the General Secretary, or other designated officer or committee before taking part in the business of the House of Delegates. Credentials shall include a certificate duly signed by the proper officials of the body delegating him, and such other evidence as may be required.

Sec. 9.—The credentials of a delegate having been accepted and his name placed on the roll of the House of Delegates, he shall remain the duly accredited delegate of the body which he represents until final adjournment of the session, providing that when an accredited delegate finds it impossible to continue his service, his regularly selected alternate shall be entitled to be seated. In the absence of the regular alternate, such vacancy shall be filled by the delegates from such state, from the alternates present.

CHAPTER V.

Procedure of House of Delegates.

Section 1.—*Order of Business.*—The following shall be the order of business, unless changed by unanimous consent:

1. Call to order by the President.
2. Roll call.
3. Reading and adoption of minutes.
4. Reports of officers.
5. Reports of committees.
6. Unfinished business.
7. New business.

Sec. 2.—No new business shall be introduced into the House of Delegates on the last day of the annual session unless with unanimous consent; and such new business, whether in the form of a resolution, memorial or otherwise, shall require a unanimous vote for final action.

Sec. 3.—The House of Delegates shall be governed by Roberts' Rules of Order, when not in conflict with these By-Laws or with the rules of the House.

Sec. 4.—One-fifth of the voting members of the House of Delegates shall constitute a quorum.

CHAPTER VI.

Meetings of the House of Delegates.

Section 1.—The House of Delegates shall meet annually on the day preceding the opening of, and at the same place as, the annual session of the Association.

Sec. 2.—Special sessions of the House of Delegates shall be called by the President, on written request of a sufficient number of delegates to represent a majority of the Constituent Societies by mailing a written or printed notice to

the last known address of each delegate, at least twenty days before such special session is to be held, in which shall be specified the time and place of meeting and in general terms the objects of such special session, and no other business shall be transacted thereat. The time and place for the meeting of a special session must be given in the requests signed by the delegates.

CHAPTER VII.

Nomination, Election and Installation of Officers, Trustees, Honorary Members, Associate Members, Etc.

Section 1.—Nominations for office, except that of Treasurer, shall be made orally, but no nominating speech shall exceed two minutes in length. Any nominee receiving the majority of the votes cast shall be declared elected. The Treasurer shall be nominated by the Board of Trustees, who shall present two names.

Sec. 2.—To carry out the provision in Article X, Sec. 3, of the Constitution, the House of Delegates shall authorize the grouping of the Constituent Societies into nine districts, each district having about one-ninth of the active members of the Association. The House of Delegates may at any session, authorize a revision of such districts, whenever changes in the membership of the Association may indicate the desirability of so doing.

On the occasion of the Annual Meeting of the Association, the delegates from the Constituent Societies in each of those districts in which the term of office of the trustee is about to expire, shall hold a meeting for the purpose of making nominations for a new trustee. Such meeting shall in each case be called by the Trustee whose term is about to expire, or by someone appointed by the President if such Trustee should be absent, and notice of the time and place of such meeting shall be given to each delegate from the particular district.

At such meeting the delegates shall nominate one or more trustees, whose names shall be presented to the House of Delegates. Nominations shall be made under the following rules: In case one member receives the unanimous vote of the delegates of the district, the one name only shall be presented to the House of Delegates as the nominee of the District. In case one member receives a majority vote, the minority delegates may select a second nominee. In case no one member receives a majority vote, after two ballots have been cast, the members receiving the highest, next highest and third highest vote shall be the nominees from such district. The names of the nominees shall be handed to the General Secretary, together with the vote which each nominee received, and both the names and the vote shall be announced to the House of Delegates by the General Secretary. A nominating speech of two minutes may be allowed in behalf of each nominee.

Sec. 3.—All elections shall be by ballot, and a majority of the vote cast shall be necessary to elect. In case no nominee receives a majority of the votes on the first ballot the nominee receiving the least number of votes shall be dropped and a new ballot held. This procedure shall be continued until one of the nominees receives a majority of all votes cast, when he shall be declared elected.

Sec. 4.—The election of officers shall be the first order of business of the House of Delegates after the reading of the minutes of the afternoon of the third day of the annual session.

Sec. 5. Nominations for honorary membership from the Sections shall be referred without debate to the Committee on Sections and Section Work, which shall consider the relative scientific attainments and professional character of the nominees, and shall report its conclusions to the House of Delegates for action. The election of honorary members shall immediately follow the election of officers.

Sec. 6.—Nominations for associate membership may be made by the Sections at any meeting of the House of Delegates, and may be confirmed, with or without reference to the Committee on Sections and Section Work, at the will of the majority of the House of Delegates.

Sec. 7.—The general officers of the Association shall be installed at the close of the last meeting of the annual session, at which they are elected.

CHAPTER VIII.

Officers, Trustees, Research Commission and Committees.

Section 1.— *President.* —The President shall preside at the general meetings and at the meetings of the House of Delegates, and shall perform such duties as custom and parliamentary usage require. On the morning of the first day of the annual session following his election he shall deliver an address at the general meeting not exceeding forty minutes in length.

Sec. 2.—*Vice-Presidents.* —The Vice-Presidents shall assist the President. During his absence or at his request one of them shall officiate in his place. In case of the death, resignation or removal of the President, the vacancy shall be filled by the ranking Vice-President.

Sec. 3.— *General Secretary.* —The General Secretary shall give due notice of the time and place of all annual and special sessions of the Association and of the House of Delegates, by publishing the same in the Journal of the National Dental Association and other Journals. He shall notify members of committees of their appointment, and of the duties assigned to them. It shall be his duty to verify the credentials of members of the House of Delegates and to provide a registration book for them, in which shall be recorded the name of each delegate in attendance at each session. He shall collect all dues and transmit the same to the Treasurer, as may be directed by the Board of Trustees, and as receipt for dues shall issue certificates of membership. He shall conduct all correspondence required of him by the Association or by the House of Delegates, or which may become necessary in the rightful conduct of his office. He shall keep in separate books the minutes of the general meetings and of the House of Delegates. He shall prepare a roll of the delegates attending each session to facilitate voting by roll call. He shall prepare for publication the official programme of each session, and shall perform such other duties as may be directed by the Association or by the House of Delegates, and shall receive a salary to be fixed by the Board of Trustees.

Sec. 4.—*Treasurer.*— The Treasurer shall be the custodian of all moneys, securities and deeds belonging to the Association, and shall hold the same, subject to the direction of the Board of Trustees. He shall give to the Board of Trustees a suitable bond, and shall receive a salary to be fixed by the Board of Trustees.

CHAPTER IX.

Board of Trustees.

Section 1.—The Board of Trustees shall have charge of all properties and of the financial affairs of the Association. At the first meeting of the Board after the annual session of the Association it shall organize. In addition to the nine elected members of the Board of Trustees, the President and General Secretary shall be ex-officio members and shall hold the same positions in the Board as in the Association, but the Board shall elect a Recording Secretary from its own number, who shall keep its records and make its reports.

Sec. 2.—*Journal.*—It shall be the duty of the Board of Trustees to provide for and superintend the publication of the Journal of the National Dental Association, and of all proceedings, transactions and memoirs of the Association, subject to the approval of the House of Delegates. It shall have full dis-

cretionary power to omit from the Journal of the National Dental Association, in part or in whole, any paper that may be referred to it by any of the Sections. It shall appoint a general manager and editor of the Journal, which two positions may be held by one person, and such assistants as may be necessary, and shall determine the terms and conditions of their employment, subject to the approval of the House of Delegates.

Sec. 3. — *Meetings During Annual Sessions.* — During the annual sessions of the Association the Board shall hold meetings as often as may be deemed necessary by the President, and all matters referred to it by the House of Delegates shall be reported on within twenty-four hours, if so ordered by the House.

Sec. 4.—*Board Reports.* — The Board of Trustees shall have the accounts of the Treasurer and of the Journal office audited annually, or oftener if deemed necessary, and shall make an annual report on the same to the House of Delegates, which report shall also specify the character and cost of all the publications of the Association during the year and the amount of all property belonging to the Association.

Sec. 5.—*Vacancies.* — In case of vacancy in the office of Treasurer or Board Secretary, the vacancy shall be filled by the Board of Trustees.

Sec. 6.—*Salaries.* — The Board of Trustees shall fix the salaries of the General Secretary, the Treasurer, the Board Secretary and of the Journal manager and the editor.

Sec. 7.—*Regular Meetings of Board.*— Regular meetings of the Board of Trustees shall be held immediately after the annual session of the Association and at the same place, and on the first Monday in the month of February, of each year, at such place as the Board may select at its first meeting.

Sec. 8. — *Special Meetings of Board.* — Special meetings of the Board of Trustees may be called at any time by the President, or by request of five members of the Board, due notice of which must be given to each member of the Board at least five days in advance of the meeting. The general object of a special meeting must be stated in the notice, and no other business may be transacted.

Sec. 9. — *Annual Sessions, Exhibits, Clinics and General Arrangements.* — The Board of Trustees shall have full control of all arrangements for the annual sessions, and shall provide meeting places for the Association, the House of Delegates and the various Sections. It shall also have control of all clinics and of all exhibits. The Board of Trustees in their discretion may appoint a local committee of arrangements, which shall at all times be under the control of the Board of Trustees.

CHAPTER X.

Scientific Foundation and Research Commission.

Section 1.—This Commission shall consist of twenty-five members, who shall be elected by the Board of Trustees, not more than two of whom shall be from any one state. In addition to the twenty-five members elected by the Board of Trustees, the President and General Secretary shall be ex-officio members. They shall serve for five years, except that of the first Commission, five shall serve for one year, five for two years, five for three years, five for four years and five for five years, as shall be designated when they are elected. They shall meet annually at the time of the meeting of the National Dental Association and as such other times as shall be designated by their executive Board.

Sec. 2. The duties of the Commission shall be to raise funds for carrying on exhaustive dental and oral research; to disseminate scientific knowledge; to support, establish and encourage research and such other duties as shall pertain to the furthering of this cause. They shall

select from their number an Executive Board of five members, which shall, when the Commission is not in session and has not given specific directions, have general control of the administration of the affairs of the Commission and general supervision of all arrangements for administration, research and other matters undertaken or promoted by the Commission. They shall organize and incorporate a corporation to be known as the National Dental Research Foundation and Institute, or such other name as the Commission shall select, which corporation shall receive, invest and disburse all the moneys provided by the Commission and by themselves. They shall organize this corporation in accordance with the laws and requirements controlling such institutions, except that not less than one-third of the trustees of said corporation shall be provided by the National Dental Association. This corporation shall seek bequests, endowments, fellowships and such other contributions as shall perfect the purpose and plan of the National Dental Association. They shall make a written annual report to the Commission and to the National Dental Association.

CHAPTER XI.

Committees.

Section 1.—Committees shall be classified as (a) Standing Committee, (b) Reference Committees, (c) Special Committees. These committees shall be elected by the House of Delegates. The standing committees shall be nominated by the Board of Trustees.

Sec. 2. — *Committees, Appointment and Powers.* — Reference committees shall be nominated from among the House of Delegates, but any member of the Association shall be eligible to serve on standing or special committees. All members of committees who are not members of the House of Delegates shall have the right to present their reports in person to the House of Delegates, and to participate in the debate thereon, but shall not have the right to vote.

Sec. 3. — *Standing Committees.* — Standing committees shall be as follows:

(a) A Judicial Council.
(b) A Committee on Dental Education.
(c) A Committee on Dental Legislation.
(d) A Committee on Transportation and Place of Session.

Sec. 4. — *Judicial Council.* — The Judicial Council shall be composed of five members. It shall organize by electing a Chairman and a Secretary. The latter shall keep a permanent record of its proceedings, shall conduct all correspondence, etc. The Judicial Council shall hold such meetings during the annual session, and during the year, as it may deem necessary. Three members shall constitute a quorum. It shall make an annual report of its proceedings to the House of Delegates. To this Council shall be referred all questions, complaints, protests and matters of an ethical nature. When such complaints, protests, etc., concern an individual's relations with his local or state society, they shall be considered by this Council only after the same shall have been referred to the Constituent Society concerned, or on an appeal from such Constituent Society. Its decisions shall be subject to appeal to the House of Delegates.

Sec. 5.—*Committee on Dental Education.* —The Committee on Dental Education shall consist of five members. One member shall be elected to serve one year, one for two years, one for three years, one for four years, and one for five years. Thereafter one member shall be elected each year to serve five years. The committee shall organize, shall elect a Chairman and Secretary, and shall adopt such regulations for the government of its actions as it may deem expedient. It shall expend money or contract financial obligations only as shall be au-

thorized in writing by the Board of Trustees. The functions of the Committee on Dental Education shall be: (1) To make an annual report to the House of Delegates on the existing conditions of Dental Education in the United States. (2) To make suggestions as to the means and methods by which the National Dental Association may best influence favorably dental education. (3) To act as the agent of the National Dental Association, under instructions of the House of Delegates, in its effort to elevate the standards of dental education.

Sec. 6.—*Committee on Dental Legislation.* —The Committee on Dental Legislation shall consist of five members. One member shall be elected for one year, one for two years, one for three years, one for four years and one for five years. Thereafter one member shall be elected each year to serve for five years. The committee shall organize, shall elect a Chairman and Secretary, and shall adopt such regulations for the government of its action as it may deem expedient. It shall expend money or contract financial obligations only as shall be authorized in writing by the Board of Trustees. This committee shall have the authority to appoint a sub-committee, consisting of one member from each Constituent Society, and shall have the power to co-operate with the officers of the state and local societies, and with the chief officers of the United States Army and Navy in regard to legislation affecting the welfare of dentistry. The Committee on Dental Legislation shall report to the House of Delegates at each annual session its proceedings during the previous year, and shall recommend such action in respect to pending legislation as it shall deem proper.

Sec. 7. — *Committee on Transportation and Place of Sessions.* — The Committee on Transportation and Place of Sessions shall consist of five members. Invitation for the Association to convene in any city or place shall be presented to this committee, whose duty it shall be to recommend to the House of Delegates the places available for an annual session, with advantages and disadvantages of each. The committee shall secure railroad rates for the annual session, and shall publish same in the Journal of the National Dental Association, and other journals, at the earliest possible time prior to the date of the annual session.

Sec. 8.—*Reports of Standing Committees.* —The reports of standing committees shall, as far as possible, be transmitted to the General Secretary ten days before the date of the annual session, and he shall have them printed for distribution to members of the House of Delegates at the first meeting of the annual session.

Sec. 9.—*Reference Committees.*—(a). Immediately after the organization of the House of Delegates, at each annual session, the President shall appoint from among its members such committees as may be deemed expedient by the House of Delegates. Each committee shall consist of three members unless otherwise provided, the chairman to be specified by the President. The members of these committees shall serve during the session at which they are appointed.

(b) To the appropriate committee shall be referred resolutions, measures and propositions presented to the House of Delegates before final action shall be taken, unless otherwise unanimously ordered by the House of Delegates.

(c) Each reference committee shall, as soon as possible after the adjournment of each meeting, or during the meeting, if necessary, take up and consider such business as may have been referred to it, and shall report on the same at the next meeting, or when called on to do so.

(d) The following reference committees are hereby provided:

1. A Committee on Sections and Sec-

tion Work, to which shall be referred all business relating to the Sections.

2. A Committee on Rules and Order of Business, to which shall be referred all matters regarding rules governing the action, methods of procedure and order of business of the House of Delegates.

3. A Committee on Dental Education, to which shall be referred all matters relating to dental colleges and dental education. The members of the standing Committee on Dental Education shall be ex-officio members of this reference committee.

4. A Committee on Legislation, to which shall be referred all matters relating to state and national legislation. The members of the standing Committee on Dental Legislation shall be ex-officio members of this reference Committee.

5. A Committee on Amendments to the Constitution and By-Laws, to which shall be referred all business relating to this subject.

6. A Committee on Reports of Officers, to which shall be referred the President's address and the Secretary's and Trustees' reports.

7. A Committee on Credentials, to which shall be referred all questions regarding the registration and the credentials of delegates.

8. A Committee on Miscellaneous Business, to which shall be referred all business not otherwise disposed of.

CHAPTER XII.

General Meetings.

Section 1.—*Time of General Meetings.* —The general meetings shall be held at 10:30 a. m. and at 8 p. m. of the first day of the annual session, and at 8 p. m. of the subsequent days.

Sec. 2. —*Addresses.*— At the first general meeting shall be delivered the address of the President, whose recommendations shall thereon go to the House of Delegates for action. The balance of the time of the first meeting shall be devoted to such other addresses as may be provided. The first evening meeting shall be devoted to a paper recommended by Section I, the second evening meeting to a paper recommended by Section II, and the third evening meeting to a paper recommended by Section III.

Sec. 3.—*Order of Business.* —The order of the first general meeting shall be as follows:

1. Calling the meeting to order.
2. Prayer.
3. Address of Welcome and Response.
4. Report of Committee of Arrangements.
5. President's annual address.
6. Literary program.
7. Adjournment.

CHAPTER XIII.

Sections.

Section 1.— *Meetings.*— Each Section shall hold its first meeting at 2 p. m. of the first day of the annual session, and on each subsequent day at 9 a. m., until the program is completed or as the Section may decide; provided that a Section shall hold no meeting that will conflict with the general meetings. The State Society's Officers' Section shall hold its first meeting at 2:00 p. m. on the first day of the annual session.

Sec. 2.— *Officers of Sections.* —The officers of each Section shall consist of a Chairman, Vice-Chairman and a Secretary. These shall serve for one year, or until their successors are elected and qualify; provided that each Section may elect its Secretary to serve a longer time at its discretion. Each Section, except the State Society Officers' Section, shall also elect annually one representative and an alternate to the House of Delegates of the National Dental Association, to serve for one year.

Sec. 3.—*Election of Officers.* —The election of officers of each Section shall be the first order of business of the morning meeting of the last day of each annual session.

Sec. 4. — *Duties of Section Officers.*— (a) Each Chairman shall perform the usual duties of such office, and shall co-operate with the Section Secretary in procuring papers and in the arrangement of the program for his Section. (b) Each Vice-Chairman shall assist his Chairman, and take his place when necessary. (c) Each Secretary shall keep the records of the Section in a book provided for such purpose; shall, with the co-operation of the Chairman, conduct all correspondence necessary to secure papers and perfect the program for his Section; and he shall forward to the General Secretary, at least forty days prior to the date of the annual session, a copy of his Section program for insertion in the official program, and shall perform all other duties pertaining to the office of Secretary.

Sec. 5. — *Executive Committee.* — Each Section shall have an Executive Committee, which shall consist of the last three retired chairmen. In the absence of a member of this committee the acting chairman shall sit in his stead. At the first organization of each Section, in 1913, an Executive Committee of three shall be elected, one to serve for one year, one for two years and one for three years, by which time the Executive Committee will be constituted as above provided. The Executive Committee shall examine and pass on all papers read before the Section, and shall indorse for publication only those that are of scientific or of practical value; it shall also examine all papers offered to the Section, prior to the reading thereof and shall, except in the case of the State Society Officers' Section, choose the one to be read before the general meeting devoted to the work of its particular Section, and such paper shall not be read before the Section meeting.

Sec. 6.—*Honorary and Associate Members.* —Each Section, except the State Society Officers' Section, at its opening meeting, may make nominations for honorary and for associate members, in accordance with Sections 4 and 5 of Chapter I. The Secretary shall immediately notify the General Secretary of such nominations.

CHAPTER XIV.

Papers and Discussions.

Section 1.—Titles and abstracts of papers offered to Sections must be in the hands of the Section Secretary at least forty-five days prior to the annual session.

Sec. 2.—The time allowed for the presentation of a paper before a Section shall be limited to thirty minutes, except by unanimous consent. No one shall address a Section more than once on the same subject, nor for longer than five minutes, except with the consent of the majority of those present.

Sec. 3.—Each Section may provide By-Laws for its own government, provided same do not conflict with the Constitution and By-Laws of the Association.

CHAPTER XV.

Publication.

Section 1.—No paper shall be published as having been read before a Section unless it has received the approval of the Executive Committee of said Section.

Sec. 2.—Each author shall hand his manuscript to the Section Secretary immediately after the reading thereof, and such manuscript must be ready for publication at that time, and must be accompanied by copy for all illustrations needed. The Secretary shall indorse thereon that it has been read, and shall hand it to the Executive Committee for its action. All papers approved by the Executive Committee shall be returned to the Section Secretary, who shall at once forward them for publication to the editor of the Journal.

Sec. 3.—No paper shall be published as having been read before a Section unless it has actually been read, or unless, for special reasons, when the author has been present and prepared to read the

paper, the Section shall vote to have it read by title.

Sec. 4.—All papers and reports presented to a Section, and approved by the Executive Committee, shall become the exclusive property of the Association, provided that the Board of Trustees may permit an author to publish his paper elsewhere than in the Journal of the National Dental Association.

Sec. 5.—*Official Resolutions Approved by the House of Delegates.*—No memorial, resolution or opinion of any character whatever shall be issued in the name of the National Dental Association, unless it shall have been approved by the House of Delegates.

CHAPTER XVI—AMENDMENTS.

Articles of Incorporation.

Section 1.—The House of Delegates at any annual session, wherever the same may be held, may instruct the Board of Trustees to make any changes in the articles of incorporation in accordance with the law, which may appear desirable or which may be made necessary, by any change or amendment to the Constitution and By-Laws of this Association.

Sec. 2.—These By-Laws may be amended on a two-thirds vote of the House of Delegates, provided that no amendment shall be acted on till the day following that on which it is introduced, except that the Board of Trustees may by unanimous vote make such changes, and such changes only, as may be required to adapt them to the rules and regulations of the United States Postal authorities.

CODE OF ETHICS

ARTICLE I.

The Duties of the Profession to Their Patients.

Section 1.—The dentist should be ever ready to respond to the wants of his patrons, and should fully recognize the obligations involved in the discharge of his duties toward them. As they are in most cases unable to correctly estimate the character of his operations, his own sense of right must guarantee faithfulness in their performance. His manner should be firm, yet kind and sympathizing, so as to gain the respect and confidence of his patients, and even the simplest case committed to his care should receive that attention which is due to operations performed on living, sensitive tissue.

Sec. 2.—It is not to be expected that the patient will possess a very extended or a very accurate knowledge of professional matters. The dentist should make due allowance for this, patiently explaining many things which may seem quite clear to himself, thus endeavoring to educate the public mind so that it will properly appreciate the beneficent efforts of our profession. He should encourage no false hopes by promising success when, in the nature of the case, there is uncertainty.

Sec. 3.—The dentist should be temperate in all things, keeping both mind and body in the best possible health, that his patients may have the benefit of that clearness of judgment and skill which is their right.

ARTICLE II.

Maintaining Professional Character.

Section 1.—A member of the dental profession is bound to maintain its honor, and to labor earnestly to extend its sphere of usefulness. He should avoid everything in language and conduct calculated to dishonor his profession, and should ever manifest a due respect for his brethren. The young should show special respect to their seniors; the aged, special encouragement to their juniors.

Section 2.—It is unprofessional to resort to public advertisement, cards, handbills, posters, or signs, calling attention to peculiar styles of work, lowness of prices, special modes of operating; or to claim superiority over neighboring practitioners; to publish reports of cases or

certificates in the public prints, to circulate or recommend nostrums; or to perform any other similar acts. But nothing in this section shall be so construed as to imply that it is unprofessional for dentists to announce in the public prints, or by cards, simply their names, occupation, and place of business, or in the same manner to announce their removal, absence from, or return to business, or to issue to their patients appointment cards, having a fee bill for professional services thereon.

Sec. 3.—When consulted by the patient of another practitioner the dentist should guard against inquiries or hints disparaging to the family dentist or calculated to weaken the patient's confidence in him; and if the interest of the patient will not be endangered thereby, the case should be temporarily treated, and referred back to the family dentist.

Sec. 4. When general rules shall have been adopted by members of the profession practicing in the same localities in relation to fees, it is unprofessional and dishonorable to depart from those rules, except when variation of circumstances requires it. And it is ever to be regarded as unprofessional to warrant operations as an inducement to patronage.

ARTICLE III.

Consultations.

Consultations should be promoted in difficult or protracted cases, as they give rise to confidence, energy, and broader views in practice. In consultations that courtesy and just dealing which is the right of all should be especially observed.

ARTICLE IV.

The Relative Duties of Dentists and Physicians.

Dental surgery is a specialty in medical science. Physicians and dentists should both bear this in mind. The dentist is professionally limited to diseases of the dental organs and adjacent parts. With these he should be more familiar than the general practitioner is expected to be; and while he recognizes the broader knowledge of the physician in regard to diseases of the general system, the latter is under equal obligations to respect his higher attainments in his specialty.

ARTICLE V.

The Mutual Duties of the Profession and the Public.

Dentists are frequent witnesses, and at the same time the best judges, of the impositions perpetrated by quacks, and it is their duty to enlighten and warn the public in regard to them. For this and many other benefits conferred by the competent and honorable dentist, the profession is entitled to the confidence and respect of the public, who should always discriminate in favor of the true man of science and integrity against the empiric and imposter. The public has no right to tax the time and talents of the profession in examinations, prescriptions, or in any way, without proper remuneration.

HOUSE OF DELEGATES FOR 1915.

Two Afternoon Sessions, September 1-2.

Opening Session 2 P. M., Municipal Auditorium, San Francisco, Cal.

ALABAMA

Delegates

F. A. Johnson, Sheffield.
H. B. Peacock, Opelika.

Alternates

C. W. Lokey, Birmingham.
B. S. Searcy, Tuscaloosa.

ALASKA

Delegate

T. H. White, Sitka.

ARIZONA

Delegate

W. P. Sims, Bisbee.

Alternate

John A. Lentz, Phoenix.

ARKANSAS

Delegates

T. J. Newman, Little Rock.
J. D. Jordan, Little Rock.
Ed. L. Watson, Camden.

Alternates

L. K. Charles, Eureka Springs.
J. W. Markwell, Little Rock.

ARMY DENTAL CORPS

No report.

CALIFORNIA STATE

Delegates.

A. M. Flood, San Francisco.
A. W. Ward, San Francisco.

Alternates.

T. Sidney Smith, Palo Alto.
W. J. Burridge, San Francisco.

CALIFORNIA SOUTHERN

Delegates

L. E. Ford, Los Angeles.
J. W. Neblett, Riverside.
C. C. Noble, Los Angeles.

Alternates

A. H. Gilbert, San Diego.
James D. McCoy, Los Angeles.
R. C. Lane, Los Angeles.

CANAL ZONE

No report.

COLORADO

Delegates

J. I. Laughlin, 314 Temple Court, Denver.
J. L. Howell, Mack Bldg., Denver.

Alternates

F. S. McKay, Colorado Springs.
John W. Duffy, Grand Junction.

CONNECTICUT

Delegates

Edward S. Gaylord, New Haven.
Alfred C. Fones, Bridgeport.
Charles McManus, Hartford.

Alternates

R. H. W. Strang, Bridgeport.
Albert W. Crosby, New Haven.
Louis L. Beach, Bristol.

DELAWARE

No report.

DISTRICT OF COLUMBIA

Delegates

A. J. Brown, Washington, D. C.
Wm. K. Petty, Washington, D. C.

Alternates

M. F. Finley, Washington, D. C.
George B. Welch, Washington, D. C.

FLORIDA

Delegates

C. L. Nance, Tampa.
W. A. Dean, Tampa.

Alternates

S. W. Allen, Tampa.
W. G. Mason, Tampa.

GEORGIA

Delegates

N. A. Teague, Augusta.
Robin Adair, Atlanta.

Alternates

Frank Holland, Atlanta.
Jos. D. Eby, Atlanta.

HAWAIIAN ISLANDS

Delegates

G. A. Braly, Honolulu.
Henry Bicknell, Honolulu.

Alternates

J. M. Whitney, Honolulu.
A. C. Wall, Honolulu.

IDAHO

No report.

ILLINOIS

Delegates

William H. G. Logan, Chicago.
O. L. Frazee, Springfield.
Arthur D. Black, Chicago.
T. L. Grisamore, Chicago.
T. A. Broadbent, Chicago.
F. W. Gethro, Chicago.
J. W. Cormany, Mt. Carroll.
W. A. Hoover, Gibson City.
George N. West, Chicago.
P. B. D. Idler, Chicago.

Alternates

E. W. Elliott, Chicago.
A. S. Waltz, Decatur.
George E. Meyer, Chicago.
T. W. Brophy, Chicago.
G. D. Sitherwood, Bloomington.
E. C. Hoffman, Plainfield.
W. H. Karcher, Champaign.
W. R. Neff, Chicago.
J. A. Bevan, Kankakee.
H. F. Methven, Chicago.

INDIANA

Delegates

E. R. Kibler, Indianapolis.
W. O. Vallette, Goshen.
Fred J. Prow, Bloomington.
Carl D. Lucas, Indianapolis.
T. H. Walsh, Indianapolis.

Alternates

A. R. Ross, Lafayette.
J. S. McCurdy, Ft. Wayne.
J. M. Hale, Mt. Vernon.
Charles Redmon, Peru.
Wm. Kennedy, Indianapolis.

IOWA

Delegates

R. H. Volland, Iowa City.
G. N. Beemer, Mason City.
C. V. Watts, Des Moines.
C. B. Miller, Cedar Falls.

Alternates

J. V. Conzett, Dubuque.
J. A. West, Des Moines.
W. G. Crandall, Spencer.
J. G. Hildebrand, Waterloo.

KANSAS

Delegates

H. W. Fessenden, Ottawa.
Willis Coston, Topeka.
C. E. Bergson, Leavenworth.

Alternates

F. O. Hetrick, Ottawa.
E. L. Glass, Independence.
George A. Crise, Manhattan.

KENTUCKY

Delegates.

W. F. Walz, Lexington.
R. H. Leete, Prestonburg.

Alternates.

Chester W. Dorsey, Newport.
H. B. Tileston, Louisville.

LOUISIANA

Delegates

Joseph P. Wahl, New Orleans.
N. J. Feltus, Baton Rogue.

Alternates

Wallace Woods, New Orleans.
E. B. Ducasse, New Orleans.

MAINE

Delegates.

Will S. Payson, Gastine.
Henry A. Kelley, Portland.

MARYLAND

Delegate

B. Holly Smith, Baltimore.

Alternate

B. Merrill Hopkinson, Baltimore.

MASSACHUSETTS

Delegates

Horace L. Howe, Boston.
F. W. Allen, Boston.
W. H. Eaton, Boston.
D. F. Spinney, Brookline.

Alternates

F. S. Faxon, Brockton.
M. C. Smith, Lynn.
T. P. E. Greene, New Bedford.
W. F. Richardson, Worcester.

MICHIGAN

Delegates

W. A. Giffen, Detroit.
J. M. Thompson, Detroit.
C. H. Oakman, Detroit.
B. R. East, Detroit.

Alternates

G. B. Harris, Detroit.
George Copp, Plainwell.
Dennis Murray, Grand Rapids.
Harry D. Watson, Grand Rapids.

MINNESOTA

Delegates

Herman A. Maves, Minneapolis.

MISSISSIPPI

Delegates

L. B. Price, Corinth.
A. B. Kelly, Yazoo City.

Alternates

Rush P. Abbott, Westpoint.
P. M. Fugler, McComb

MISSOURI

Delegates

J. H. Kennerly, St. Louis.
J. P. Harper, St. Louis.
F. M. Fulkerson, Sedalia.
S. C. A. Rubey, Kansas City.

Alternates

J. A. Cotton, Joplin.
J. W. Hull, Kansas City.
T. J. Sugg, Carrollton.

MONTANA

Delegate

T. M. Hampton, Helena.

NATIONAL CAPITOL

Delegate

E. A. Bryant, Washington, D. C.

Alternate

Charles W. Cuthbertson, Washington, D. C.

NAVY DENTAL CORPS

No report.

NEBRASKA

Delegates

J. M. Prime, Oxford.
O. H. Cressler, North Platte.
M. E. Vance, Lincoln.

NEVADA

No report.

NEW HAMPSHIRE

Delegate

Edwin D. Forrest, Tilton.

Alternate.

Louis I. Moulton, Concord.

NEW JERSEY

Delegates

Henry Fowler, Harrison.
J. B. Davidson, Newark.
Wm. H. Gelston, Camden.

Alternates

Raymonde A. Albray, Newark.
F. K. Heazelton, Trenton.
Arthur R. Slade, Milville.

NEW MEXICO

Delegate

E. J. Alger, Albuquerque.

Alternate

J. J. Clarke, Artesia.

NEW YORK.

Delegates

E. A. Smith, Rome.
H. L. Wheeler, New York.
H. W. Canaday, Albany.
W. W. Smith, Rochester.
Ellison Hilyer, Brooklyn.
Albert W. Twiggar, Ossining.
Louis Meisburger, Buffalo.
C. F. Baylis, Oneonta.
A. C. Rich, Saratoga.

Alternates

G. A. Potter, Cape Vincent.
W. C. Deane, New York.
C. K. Van Vleck, Hudson.
A. P. Burkhart, Auburn.
F. C. Walker, Brooklyn.
Stephen Palmer, Poughkeepsie.
D. H. Squire, Buffalo.
J. B. West, Elmira.
W. S. Rose, Schenectady.

NORTH CAROLINA

Delegates

J. S. Spurgeon, Hillsboro.
J. C. Watkins, Winston-Salem.

Alternates

C. L. Alexander, Charlotte.
R. M. Morrow, Burlington.

NORTH DAKOTA

Delegates

R. S. Towne, Bismarck.
Tom Smith, Langdon.

Alternates

E. N. Hegge, Hattan.
Wm. T. Sprake, Casselton.

OHIO

Delegates

L. L. Barber, 718 The Spitzer, Toledo.
H. C. Brown, 185 E. State Street, Columbus.
L. E. Custer, 28 N. Ludlow, Dayton.
J. R. Callahan, 25 Garfield Place, Cincinnati.
W. A. Price, 10406 Euclid Ave., Cleveland.
F. M. Casto, 520-522 Rose Bldg., Cleveland.
C. W. Mills, 52 W. Second Ave., Chillicothe.
E. C. Mills, 151 E. Broad Street, Columbus.

Alternates

W. E. Knight, Delaware.
G. J. Hawkins, Salem.
H. H. Erskine, Steubenville.
J. H. Linsley, Ashtabula.
T. S. Ward, Marietta.
L. E. Vinez, Louisville.
W. H. Sedwick, Newark.
C. W. Sheridan, Piqua.

OKLAHOMA

Delegates

A. B. Potter, Oklahoma City.
B. L. Shobe, Tulsa.

Alternates

J. R. Caughron, Oklahoma City.
T. H. Williams, Chickasha.

OREGON

Delegates

J. C. Jones, Portland.
C. M. Harrison, Portland.

Alternates

J. M. Miller, Eugene.
E. Hirstel, Portland.

PENNSYLVANIA

Delegates

J. F. Biddle, Pittsburg.
Alexander H. Reynolds, Philadelphia.
H. E. Friesell, Pittsburg.

Alternates

W. A. Capon, Philadelphia.
Victor S. Jones, Bethlehem.
R. Hamill D. Swing, Philadelphia.

PHILLIPINE ISLANDS

Delegate.

Louis Ottofy, Manila.

PORTO RICO

Delegate

Manuel V. del Valle, San Juan.

Alternate

Francisco Ponte, San Juan.

RHODE ISLAND

Delegates

Albert L. Midgley, Providence.
Frank P. Duffy, River Point.

Alternates

William B. Rogers, Providence.
M. W. Maloney, Providence.

SOUTH CAROLINA

Delegate

L. P. Dotterer, Charleston.

SOUTH DAKOTA

No report.

TENNESSEE

Delegates

Arthur R. Melendy, Knoxville.
J. A. Dale, Nashville.

Alternates

S. L. Rich, Nashville.
R. S. Henry, Chattanooga.

TEXAS

Delegates

Bush Jones, Dallas.
G. Waller Staples, Dallas.
S. C. Noble, Mineola.

Alternates

J. P. Arnold, Houston.
L. A. Neil, Grand Saline.
R. H. Stuart, Waco.

TRUSTEES

***Delegates**

H. J. Burkhart, '17, Batavia, N. Y.
J. P. Buckley, '17, Chicago, Ill.
Thomas P. Hinman, '17, Atlanta, Ga.
Clarence J. Grieves, '16, Baltimore, Md.
Waldo E. Boardman, '16, Boston, Mass.
Marcus L. Ward, '16, Ann Arbor, Mich.
Thomas B. Hartzell, '15, Minneapolis, Minn.
C. L. White, '15, Oklahoma, City, Okla.
S. W. Wherry, '15, Ogden, Utah.

UTAH

Delegate

S. W. Wherry, Ogden.

Alternate

Fred W. Meakin, Salt Lake City.

VERMONT

Delegate

J. Holmes Jackson, Burlington.

Alternate

R. M. Chase, Bethel.

VIRGINIA

Delegates

F. W. Stiff, Richmond,
J. G. King, Fredericksburg.

Alternates

C. T. Womack, Martinsville.
A. H. Sprinkle, Staunton.

WASHINGTON

Delegates.

F. W. Hergert, Seattle.
George T. Williams, Seattle.

WEST VIRGINIA

Delegates

John W. Storer, Wheeling.
W. B. Conaway, Clarksburg.

Alternates

S. Benton Langfitt, Parkersburg.
Frank L. Wright, Wheeling.

WISCONSIN

Delegates

E. A. Geilfuss, Milwaukee.
Charles A. Babcock, Milwaukee.
C. W. Hall, Milwaukee.
A. J. Dubois, Neenah.

Alternates

W. W. Powell, Janesville.
T. G. McGrory, Kenosha.
F. E. Raiche, Marinette.
A. G. Fee, Superior.

WYOMING

Delegate.

Peter Appel, Jr., Cheyenne.

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*"The trustees shall be members of the House of Delegates without the right to vote."—Constitution and By-Laws, Article V, Section 1.

TRANSACTIONS

OF THE

NATIONAL DENTAL ASSOCIATION

at the

NINETEENTH ANNUAL MEETING
San Francisco, Calif.

Sept., 1915

These transactions were never published separately but appeared in the Nov., 1915 number of the Journal of the National Dental Association.

1915

PRESIDENT'S ADDRESS.

By Donald Mackay Gallie, D. D. S., Chicago, Ill.

To the Members of the House of Delegates of the National Dental Association.

AMONG the many recommendations made by my distinguished predecessor, Dr. Homer C. Brown, was one to the effect that the President of the National Dental Association should prepare, deliver and have distributed, a president's address. Like many of his recommendations this one was concurred in by the committee appointed to report on his message. The Constitution, however, comes to your rescue by stipulating that the address shall not exceed forty-five minutes in length. A strict interpretation of these recommendations hardly applies to this year's officer, for, technically speaking, we are holding not a meeting of the National Dental Association, but a meeting of the House of Delegates, for the purpose of considering such business as an association of our size and many interests require. However, your President feels that a brief resume, of the many departments and interests should be presented at this time.

When we were invited three years ago at Washington to join with our Pacific Coast friends for the purpose of holding a Dental Congress, we were assured by the emissaries sent by the Panama-Pacific authorities that it was their idea to have this congress mark an epoch in dental affairs; that their hopes are to be realized, I am sure is apparent to all. In behalf of the National Dental Association I desire to thank our colleagues in this great western section for the opportunity of joining with them in this ten day session to discuss and consider the many questions so vital to us as a profession. I also desire to express in behalf of the dental profession of America our thanks to the Panama-Pacific officials for the opportunity of taking part in this great National, yes, International celebration of the completion of one of the greatest achievements of all times; the joining of the mighty waters of the Atlantic and Pacific; the surmounting of obstacles that for years have baffled the greatest engineers. The engineering success of this great waterway is not the only thing the world should consider. There is still a greater achievement in connection with this wonderful undertaking and that is the triumph of sanitary science and medical skill, making it possible for human beings to live in the Canal Zone. The complete transforming of this zone from one of pestilence and disease to one of health, comfort, and in many ways beauty, is the greatest triumph of all, and the man who deserves all the credit is Surgeon General W. C. Gorgas. In planning and carrying into effect this wonderful exposition, it was not the idea of those responsible for its conception, to celebrate this national achievement simply by building wonderful structures to house exhibits of all the arts and crafts—not merely to show the products of the work shop, the soil, forest, mines and seas, but also to show the advancement of the world in affairs not industrial or commercial, and to this end a department of Congresses is one of the great features of this wonderful exposition. No fewer than eight hundred and fifty congresses, conventions and confer-

ences will be held between February and December, every phase of human endeavor will be represented.

In reading over the list of different gatherings, I find none are giving more time to their particular field than dentistry and this is not surprising, for have we not made such strides that it will take some time for many of us to catch up? Not only is the attending of dental meetings a necessity, but systematic and constant study is imperative if we hope to be worthy of our great responsibilities.

In the convening of the several dental bodies connected with this Congress how grateful we should all be that the opening is under such favorable conditions. We are here celebrating an event that tends to bring the world closer together, to make the whole world akin. Compare this with the opening of the last dental congress. The commencement of a conflict between great nations, the like of which never was thought of. These are sad days for our colleagues in Europe. The sympathy of American dentists goes out to our brothers across the Sea, and the prayer of all, I am sure, is that this terrible war will terminate ere long.

THE ROLL CALL.

During the past year the profession of America has suffered the loss of a greater number of prominent members, than in any one year within my recollection. Four ex-presidents of this National Association, which is the successor of the American and Southern Associations, have passed to the Great Beyond, namely, James Truman, Philadelphia; Charles R. Butler of Cleveland, M. W. Foster of Baltimore and F. J. S. Gorgas, Baltimore. The National Dental Association has suffered the loss of a number of its officers. T. E. Turner, St. Louis, Third Vice-President; H. B. McFadden of Philadelphia, Treasurer, George Edwin Hunt, Indianapolis, of the Research Commission, and W. E. Walker, of New Orleans, Secretary of Section III. Many other notable members have answered the last summons. Their works will live. The imprint they left on the profession will ever be visible, their high ideals a heritage to us all. In spite of the terrible European conflict which has cast a pall over the whole world, and in spite of the unsettled business conditions of our own land, the association and the profession has enjoyed a year of unparalleled success. Last year at Rochester was the first meeting after re-organization, for years we worked for a greater National, and when at last our labors were rewarded by the uniting of our state and local societies under the guidance of this, the parent body, when at last there was no division of our interests; no scattering of our fire. Just a grand national organization of over thirteen thousand, with one aim—the improvement and advancement of dentistry. There were, however, some who were a little inclined to be pessimistic, and warned us to look for some reaction, that the enthusiasm and activity of reorganization would be followed by a falling off in membership. I am pleased to state that such has not been our experience. Hardly a state has shown a falling off during the past year, while a great majority have made splendid gains; besides we have benefitted by some additional states perfecting re-organization and now affiliated with the National. The past year has shown a growth of about three thousand members. This is indeed encouraging.

THE NATIONAL DENTAL JOURNAL.

Next to reorganization the question of a National Journal has been uppermost in the minds of our members. It has been the hope of many for years that we should publish a journal that would be a credit to an organization of national scope. At last our hopes have been realized, and while it is not a monthly publication, I am sure you will all agree that in the quarterly form it is indeed something we can be proud of. We are all anxious to have a monthly journal, with

a regular elected editor and staff, but to do this means capital. To secure the necessary funds we will have to raise our dues. To raise the dues at this time I believe would be unwise. In the near future when we have perfected reorganization plans it will be an easy matter to change from a quarterly to a monthly issue. There may be some of our members who cannot understand why any one should object to the small increase in dues to make possible a monthly journal. Yet the Secretary has evidence that in some sections of the country where organization is more difficult, it is all they can do to meet the present requirements. With reorganization almost completed, a rapidly growing membership, the journal an established fact, it should now be the duty of the association to look to the future and plan for the business management of our interests. To this end the **Ad Interim Committee** of the Board of Trustees took the first step at Ann Arbor. The Treasurer was instructed to take 20% of all advertising funds and place it into the Journal fund. The advertising space in the Journal is rapidly growing in value, and the amount set aside will soon accumulate into a splendid amount which can be well invested until we are in shape to have our own publishing plant. The American Medical Association started with prospects no brighter than the National Dental Association; today they have one of the finest publishing and administration buildings in this country. The future of the National Dental Association is no longer a dream or a vision; it is a real, live, healthy fact.

THE SCIENTIFIC FOUNDATION AND RESEARCH COMMISSION.

Organized less than three years ago, but working as a Commission only two years; this very important department of our association is doing a great work and the results of their labors will soon be reflected thruout the profession. During the two years the Commission has been carrying on research work they have furnished laboratory technicians and laboratory equipment and supplies to assist in special research in several states. In the University of Michigan Dr. Marcus L. Ward is working on the problem of Dental Cements, and Dr. Russell W. Bunting on Salivary analysis and Dental Caries. In the University of Minnesota Dr. Thomas B. Hartzell and his associates are contributing reliable data on the Relations of Mouth Infections to Systemic Infections. In the University of Illinois Dr. Frederick B. Noyes is working on the question of the Dental Pulp and Peridental Membrane. In Columbia University, New York, Dr. William J. Gies and assistants are studying the Relation of the Glands of Secretion to Dental Problems. In Cleveland, under the direction of Dr. Weston A. Price, much work has been done in Metallurgical Researches and Studies on the Identification and Differentiation of Serious Mouth Infections. These are only a few of the many vital problems the Commission will endeavor to solve. The financial contributions towards this great work has been very gratifying up to date. Between fifty and sixty thousand dollars has been subscribed, and this almost exclusively by members of the profession. This liberal support will have a great effect in influencing aid from laymen interested in the advancement of science.

Acting under instructions from the National Dental Association the Commission has broadened its field of activities, by incorporating in the State of Ohio the Research Institute of the National Dental Association. The Commission has secured the cooperation of many of the most prominent men in the medical profession, and laymen of international standing. It will be the plan of the Research Institute to establish and support researches in various parts of the country, and to prepare and train young men for research work.

LEGISLATION.

The question of legislation towards fair and equitable recognition and standing of the dentist in the Army and Navy has received the thoughtful consideration which this important question warrants. A majority of the Committee on Legislation visited Washington early this year prepared to submit a bill that would improve the status of the dentist in both branches of the Service. The Committee was well received by the Surgeon-General of both the Army and Navy; both recognize the need of and importance of dental service, and it is the opinion of the Committee that they are favorable to such legislation as will improve the standing and efficiency of the dental corps. The Committee held a conference with Chairman Hay of the House Committee, and while he is favorable to the proposed changes in the law, suggested to the committee that it would be better to defer introduction of the new bill until the next session of Congress. The Committee are very hopeful that in the near future we will receive the desired legislation. It is their opinion that this whole question of dealing with the Federal officials should be left to the Committee of the National Dental Association, and they suggest that committees from other organizations refrain from making suggestions or trying to influence legislation. It must be apparent to all that this work should be handled entirely by the Committee that represents the National organization. Reports from many states indicate that laws governing the practice of dentistry have been amended so that both the profession and the citizen is better safeguarded.

OUR RELIEF FUND.

Ever since Dr. Noel in his address in Asheville recommended that some provision should be made for our aged and invalid members numerous schemes and plans have been tried, to create a fund for this very worthy purpose. The balance from the San Francisco fund amounting to about four thousand dollars was turned over to the National Dental Association for the purpose of a National Dental Association Relief Fund. It was thought by many that this splendid amount would be a nucleus for a great fund, and would stimulate generous contributions from the individual members of the profession, but there has been few contributions. A plan was recommended by which state societies could raise their dues one dollar a year, this extra dollar to go to the relief fund. Only two societies took favorable action on the suggestion. The sale of dental Relief Seals each Christmas while not discouraging, has not come up to expectations, and the result is that the amount in the custody of the Treasurer does not reflect credit on an organization of nearly sixteen thousand members, the great majority of whom are successful practitioners. The British Dental Association with a membership of less than a third of the National have carried on for years a very successful benevolent association. The Relief Committee has labored hard, they have done all they can to raise a respectable fund. They now feel that it is up to the members of the Association to say what shall be done. There are only two ways we can move, either advance or retire, there can be no more sidestepping.

ORAL HYGIENE OR PUBLIC SERVICE COMMISSION.

In the revision of the Constitution and By-Laws it would seem as tho by some oversight no provision was made for this very important department. Familiar as we are today with the relationship of mouth conditions to the general system and knowing what great good has come from the oral hygiene propaganda, it must be plain to all that if we hope to advance in this great work we must have national, state and local cooperation; to this end, I respectfully recommend to the House of Delegates that

an Oral Hygiene or Public Service Commission be made one of the standing committees of the association.

SUPPORT OF THE DENTAL SURGEONS IN THE ARMIES OF EUROPE AND AID FOR THE WOUNDED.

Among the many important questions discussed at Ann Arbor in January, was that of the dental surgeon at the front and the great need of funds to support and carry on the work they are doing. The whole world realizes that no war in history compares with the present conflict in point of men engaged and numbers wounded, and on account of the method of warfare many of the wounds are in the head and jaws. The surgeons of Europe appreciating the skill of the dentist and his particular fitness for this work, have appealed to the dental profession of Europe to help in caring for the suffering soldiers; hundreds are giving their service, the profession of Europe are doing all in their power to aid, and an appeal comes to America to help them. A committee was appointed and it was decided to raise a fund to be used thru the Red Cross Society. The scheme adopted to secure funds was the issuing of a booklet containing twenty coupons or certificates, each coupon to sell for twenty-five cents. The hope was that a dentist would buy one or more of these booklets, sell the certificates to friends, and in this way secure a splendid amount for the cause. I regret to say the results are anything but creditable. I hope that during the several meetings held in conjunction with the congress an earnest appeal will be made, which will result in a generous contribution to our over-sea colleagues and the noble work they are engaged in.

THE DENTAL CROSS.

When the booklet containing the certificates on which were printed the Red Cross was ready for distribution the chairman was informed that the use of the Geneva Cross was contrary to the law except for the purpose for which it was created. It has generally been considered proper to use the Red Cross in connection with anything that pertained to the care of the sick and injured. It can only be used by the Red Cross Society. The Cross of the Medical profession is green; that of the veterinary blue, and it has been suggested by Dr. C. R. E. Koch, Chairman of the Committee that inasmuch as lilac is the dental color our cross should be lilac.

The appointing of dentists in the army and navy of our own country and in practically all the armies of Europe, and the prominence that dentistry has attained in the last few years, warrants us in adopting a badge. I would therefore suggest, that the recommendations of Dr. Koch be acted upon and adopted by the National Dental Association.

OUR ADVANCEMENT DURING THE YEAR.

We frequently hear the statement, that no profession or calling has made greater advancement during the past fifty years than dentistry. Some may dispute this claim, however, I think we can state that the past year shows a record which we all are proud of. The challenge from the medical profession that we assume the greater responsibilities has been accepted. From every state we hear of earnest efforts to acquire the science and technic so essential to modern practice. Believing that a good index to the work and progress of the profession would be found in the programs provided for the different societies during the year, I wrote to the Secretary of every state society and the Secretary of societies in cities of over fifty thousand requesting them to send me a copy of their program for the year; the response was splendid. Practically every one replied and I take this opportunity of thanking them for their prompt response.

What a pleasure and satisfaction it

was to read over those programs. In the main they were of the highest order. While not overlooking the practical subjects, the great majority had several papers on scientific subjects,; on questions that must be understood to practice the dentistry of today. It was indeed gratifying to note that a large number of the societies were cultivating closer relations with our medical brothers. From every section leading medical men, many of them of national reputation, have contributed papers on subjects closely allied with dentistry. Alive to the necessity of a broader and greater dental knowledge, the Faculties Association in session at Ann Arbor, after a thoro discussion of the needs of better college training unanimously supported a resolution to the effect that beginning with the session of 1917-18 the course for the degree of Doctor of Dental Surgery shall be four years of thirty-two weeks each year; every faculty in the country is now giving serious thought on the question of curriculum.

The completion and dedication of the Forsyth Dental Infirmary for Children in Boston, was not only one of the leading events of the year, but it truly stands as one of the most important in the history of dentistry. This splendid institution which represents the last word in infirmary completeness cannot be fully appreciated, unless seen. The splendid reports of the grand work being done there clearly demonstrates the necessity for similar institutions in large cities thruout the country. Already the example, set by the Forsyths has been emulated by another good man, Mr. Eastman, of Rochester, who will give to his home city an infirmary endowed with $750,000. The dedication of the Evans Institute in connection with the dental department of the University of Pennsylvania is another event that makes the year 1915 memorable in dental annals. This magnificent addition to the profession was made possible by the success and generosity of an American dentist, who had a vision of what dentistry some day would require, one of the leading features of the dedicatory exercises was the conferring of honorary degrees on a number of our colleagues who well merited the distinction and honor.

THE FUTURE.

During the past year dentistry has been more discussed than any other professional calling. The daily papers, the monthly and weekly magazines, the writers of fiction, the movies and even dramatists have vied with one another in featuring dentistry, and the part it plays in the comfort, health and even life of the human race. The medical profession have taken a very definite stand on the relationship, between the oral cavity and conditions therein, and the general system. This stand we heartily support, we deeply appreciate the advice and co-operation of the scientific, thoro, honest medical brother. The dental profession is in need of his counsel for we must acknowledge that the education of the dentist in the past has been such that diagnosis was not his strong fort.

The members of this Association which represents the best in our profession, must in some way, either thru study clubs, postgraduate courses, special lectures or extensive reading, get a better knowledge of the chemistry, pathology, and bacteriology of the mouth, before we can hope to intelligently discuss conditions which must necessarily bring dentist and physician in consultation, we must have this greater and broader knowledge to combat and offset the pernicious activity, insolence and demands of that class of physicians who because some authority makes the statement that the teeth in a certain case was the cause of serious systemic disorders, comes to the conclusion that every crowned or pulpless tooth or inflamed gingiva calls for extraction. Many of our patients are terror-stricken thru the exagger-

ated reports of the teeth being responsible for all the ills that flesh is heir to; to offset this menace it should be the aim of every component society to bring about a better understanding between the two professions in their districts.

There is another menace confronting us from this hysteria and it is the most serious of all for it comes from within the ranks and this is the tendency on the part of many dentists to capitalize this fear that has such a grip on our patients. I do not believe there ever were so many high class fakirs as at the present. These men are not without skill or judgment, they are without consience. Their motto is "Get the Money." A stricter adherence to that code embraced in three words—The Golden Rule —would be beneficial to us all. The demand for honest dental service is tremendous. We have the confidence of our patients, let us see that this confidence is not betrayed.

In conclusion, I desire to thank the officers, trustees, committeemen and all who have contributed their time, energy and influence during the past year to the upbuilding of this splendid organization. To Dr. Melendy I am indeed grateful for accepting the responsibility and work of the Treasurer on the death of our dear colleague, Dr. McFadden, and in behalf of the National Dental Association, and for myself personally, I desire to say that no words can adequately express our appreciation of our Secretary and acting editor Dr. King. Members, but a few of you have the slightest idea of the work this man accomplishes. Like the poet, he was born, not made. To you, members of the House of Delegates, I offer my thanks for the loyalty you have shown by coming, many of you, clear across the continent, to attend to the business of our association, and to the members of the National Dental Association, I thank you for the great honor you did me by electing me your President for the past year.

I have but one request to make of you, and that is that during the next year you will be boosters for the association. The growth this year is three thousand. Next year it must be greater. I believe that our meeting next year will be the greatest in the history of the Association. Let us adopt the slogan suggested by our Secretary, "20,000 members in 1916." We can get them, if we want them."

PROCEEDINGS OF THE HOUSE OF DELEGATES

OF THE

NATIONAL DENTAL ASSOCIATION.

Held at San Francisco, California, September 1-2, 1915.

First Session—Wednesday, September 1, 1915.

THE House of Delegates met in Municipal Auditorium, San Francisco, September 1, 1915, at 1:30 P. M., and was called to order by the President, Dr. Donald M. Gallie, of Chicago.

THE SECRETARY called the roll and the delegates who responded were regularly enrolled and entitled to seats in the House of Delegates.

It was moved, seconded and carried that those delegates whose names were called and who were not in attendance at the time, be not marked as present for this session.

THE PRESIDENT announced a quorum present and said the House of Delegates was ready for the transaction of business.

THE PRESIDENT announced the appointment of the following Reference Committees:

RULES AND ORDER.

H. J. Burkhart, Batavia, New York.
T. Sidney, Smith, Palo Alto, California.
G. A. Braly, Honolulu, Hawaii.

DENTAL EDUCATION.

F. C. Friesell, Pittsburg, Pa.
D. F. Spinney, Brookline, Massachusetts.
F. J. Prow, Bloomington, Indiana.

COMMITTEE ON LEGISLATION.

S. W. Wherry, Ogden, Utah.
Bush Jones, Dallas, Texas.
R. S. Henry,, Chattanooga, Tennessee.

COMMITTEE ON AMENDMENTS.

R. H. Volland, Chairman, Iowa City, Iowa.
W. H. G. Logan, Chicago, Illinois.
H. B. Tileston, Louisville, Kentucky.

COMMITTEE ON REPORTS OF OFFICERS.

Wallace Wood, New Orleans, Louisiana.
L. E. Ford, Los Angeles, California.
M. E. Vance, Lincoln, Nebraska.

CREDENTIAL COMMITTEE.

Wm. A. Giffin, Detroit, Michigan.
Tom Smith, London, North Dakota.
J. L. Howell, Denver, Colorado.

MISCELLANEOUS BUSINESS.

G. T. Williams, Chairman, Seattle, Washington.
J. C. Jones, Portland, Oregon.
C. E. Bergson, Leavenworth, Kansas.

President Gallie then delivered his address to the House of Delegates, Vice-President Dotterer occupying the Chair during its delivery.

President's address on page 371.

The address was referred to the Reference Committee on reports of Officers.

THE SECRETARY read a telegram addressed to President Gallie announcing the death of Dr. G. V. Black.

PRESIDENT GALLIE stated that the Association had already sent a message and had ordered a floral contribution, and that suitable resolutions would be adopted later by the Association.

THE SECRETARY read the report of the Judicial Council.

REPORT OF JUDICIAL COUNCIL.

To the House of Delegates of the National Dental Association:

I wish to report as Chairman of The Judicial Council, that we have no unfinished business nor has any new business been presented to this Committee during the year.

J. R. CALLAHAN, Chairman.

IT WAS MOVED that this report be accepted and placed on file.

Seconded and carried.

H. E. FRIESELL, Chairman, Pittsburg, read the report of the Committee on Dental Education, which was referred to the Reference Committee on Dental Education.

REPORT OF THE COMMITTEE ON DENTAL EDUCATION.

To The National Dental Association:

Your Committee on Dental Education is pleased to report that the outlook in dental education is at his time exceptionally promising. The agitation that has been felt for the past three or four years has culminated in a definite stand on the part of several national organizations for what is deemed a necessary advance in dental education; namely the extension of the dental course in our colleges to four years.

The Dental Educational Council of America, the National Association of Dental Examiners, the American Institute of Dental Teachers have all strongly urged the adoption of the four year course. In January, at its meeting in Ann Arbor, the National Association of Dental Faculties unanimously voted to begin the four year courses in 1917.

The Dental Faculties Association of America Universities, in Philadelphia in February, voted to do the same at as early date as its members found possible.

On June 25th, in response to an invitation from President James of the University of Illinois to the Presidents and Deans of the Universities of California, Harvard, Illinois, Iowa, Michigan, Minnesota, Northwestern, Ohio State, Pittsburg, Pennsylvania and Washington, representatives of those institutions met in Chicago and agreed to begin the four year dental course in 1917, and adopted a curriculum covering approximately 4800 hours.

The State of Pennsylvania in January enacted a law requiring a four year course in dentistry after 1917 in that commonwealth.

The work of the Joint Tabulation Committee of the National Association of Dental Examiners, and the National Association of Dental Faculties, in keeping cumulative statistics of the State Board Examinations; and the work of the Dental Educational Council in the inspection of dental schools has produced a decided improvement in the work done in the schools; in the character of their output, and in the better observance of the entrance requirements.

One of the duties of this committee, according to the constitution, is to make suggestions whereby the National Dental Association may bring its influence to bear favorably upon the problems of dental education.

In this respect your Committee would recommend that the National Dental Association lend more active financial and moral support to the Educational Council in that body's work in the inspection of dental schools and the establishing of suitable standards by which the dental schools of the country may be classified.

Up to this time the schools themselves have contributed approximately 90 per cent of the cost of this work. The National Dental Association has now assumed such proportions, numerically and financially, as to warrant its taking a much more active part in this important work, to the end that, in a few years, it may be in a position to supervise and to influence dental education in a manner similar to that exerted by the American Medical Association over the medical schools of America.

Respectfully submitted.

H. E. FRIESELL,

Committee on Dental Education Chairman.

San Francisco, Cal., Sept. 1st, 1915.

HOMER C. BROWN read the report of the Committee on Dental Legislation, which was referred to the Reference Committee on Dental Legislation.

REPORT DENTAL LEGISLATION COMMITTEE.

To the Officers and Members of the House of Delegates National Dental Association:

In accordance with the provision of the Constitution and By-Laws, your Legislative Committee herewith submits its annual report:

Pursuant to a provision of Section 6, Chapter 11, your committee organized by electing a Chairman and a Secretary, as designated in the appended list of the Committee to the report.

Taking advantage of Dr. Herbert L. Wheeler's presence in Columbus, Ohio, last fall, a conference was arranged whereby Dr. Wheeler, Dr. A. O. Ross and Dr. Geo. I. Gunckel, of the Army Dental Corps, and your Chairman drafted the following bill to carry out the recommendations contained in

the President's address last year and approved by the House of Delegates:

A Bill to Increase the Efficiency of the Dental Corps of the United States Army.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled:

Section 1. That for the purpose of securing a reserve corps of dental officers available for military service, the President of the United States is authorized to issue commissions as first lieutenants therein to such graduates of reputable schools of Dentistry, citizens of the United States, as shall from time to time, upon examination to be prescribed by the Secretary of War, be found physically, mentally and morally qualified to hold such commissions, the persons so commissioned to constitute and be known as the Dental Reserve Corps. The commissions so given shall confer upon the holders all the authority, rights and privileges of commissioned officers of the like grade in the Dental Corps of the United States Army, except promotions, but only when called into active duty, as hereinafter provided and during the period of such active duty. Officers of the Dental Reserve Corps shall have rank in said Corps according to date of their commissions therein, and when employed in active duty, as hereinafter provided, shall rank next below all other officers of like grade in the Dental Corps of the United States Army; PROVIDED, That Acting Dental Surgeons now in the military service, who receive the favorable recommendation of the Surgeon General of the Army, shall be eligible for appointment in said Dental Reserve Corps without further examination.

Sec. 2. That in emergencies the Secretary of War may order officers of the Dental Reserve Corps to active duty in the service of the United States in such numbers as the public interests may require, and may relieve them from such duty when their services are no longer necessary: PROVIDED, That nothing in this act shall be construed as authorizing an officer of the Dental Reserve Corps to be ordered upon active duty as herein provided who is unwilling to accept such service, nor prohibit an officer of the Dental Reserve Corps not designed for active duty from service with the militia, or with volunteer troops of the United States, or in the service of the United States in any other capacity, and when so serving officers of the Dental Reserve Corps shall not be subject to call for duty under the terms of this section: AND PROVIDED FURTHER, That any officer of the Dental Reserve Corps who is subject to call and who shall be unwilling and refuse to accept such service shall forfeit his commission.

Sec. 3. That officers of the Dental Reserve Corps when called upon active duty in the service of the United States, as provided in section 2 of this act, shall be subject to the laws, regulations and orders for the government of the Regular Army, and during the period of such service shall be entitled to the pay and allowances of first lieutenants of the Dental Corps with increase for length of service now allowed by law, said increase to be computed only for the time of active duty; PROVIDED, That no officer of the Dental Reserve Corps shall be entitled to retirement or retirement pay, nor shall he be entitled to pension except for physical disability incurred in the line of duty while in active service: AND PROVIDED FURTHER, That nothing in this act shall be construed to prevent the appointment, in the time of war, of Dental Officers of volunteers in such numbers and with such rank and pay as may be provided by law.

Sec. 4. PROVIDED, That the total number in active service in the Dental Corps and Dental Reserve Corps shall not exceed the proportion of one to one thousand of the authorized strength of the Army including the Hospital Corps and Quartermaster Corps.

Sec. 5. That hereafter the Dental Corps shall consist of a Chief of the Dental Corps, with rank of Colonel, acting under the direction of the Surgeon General, majors, captains and first lieutenants whose rank, pay and allowance shall be the same as that of officers of corresponding grades in the Medical Corps and whose promotion in the Dental Corps shall be governed by the same laws governing promotions in the Medical Corps: PROVIDED, That the number of majors shall not exceed twenty-five per cent of the authorized strength of the Dental Corps and that the total number in the Dental Corps shall not exceed the number specified in section 4. PROVIDED, That, the right of officers of the Dental Corps and Dental Reserve Corps to command shall be limited to the Dental Corps and Dental Reserve Corps and to enlisted men detailed therein.

Sec. 6. That appointees to the grade of first lieutenant, Dental Corps, shall not be less than twenty-two nor more than thirty years of age.

Sec. 7. That no person shall receive an appointment as first lieutenant in the Dental Corps unless he shall have served at least a total of three years as contract dental surgeon, acting dental surgeon, or first lieutenant, Dental Reserve Corps, on active duty, and unless he shall have been examined and approved by an army dental Board to consist of one officer of the Medical Corps and not less than two officers of the Dental Corps, and that service heretofore performed as contract dental surgeon or acting dental surgeon shall be considered as commissioned service; PROVIDED FURTHER, That, promotion in the Dental Corps shall be subject to such examination before an army dental board consisting of one officer of the Medical Corps and not less than two officers of the Dental Corps as the Secretary of War may prescribe; PROVIDED FURTHER, That upon the passage of this act and thereafter when a vacancy occurs in the office of the Chief of the Dental

Corps, the President may appoint to such vacancy, by and with the advice and consent of the Senate, an officer of the Dental Corps, who shall hold office for a term of four years; PROVIDED, That no officers below the grade of major shall be eligible to appointment as Chief of the Dental Corps except that, until the vacancies in the grade of Major shall have been filled, selection may be made from the fifteen senior officers of the Dental Corps; AND PROVIDED FURTHER, That upon the passage of this act the officers of the Dental Corps now in the military service shall be recommissioned and promoted to the vacancies in the grades to which their service entitles them to be promoted under this act, subject to such examination as the Secretary of War may prescribe; PROVIDED, That no officer of the Dental Corps now in the military service shall be promoted to the grade of major until he shall have served a total of ten years as contract dental surgeon, acting dental surgeon or officer of the Dental Corps.

Sec. 8. That all laws and parts of laws in conflict with the above provisions relating to the Dental Corps and Dental Reserve Corps be and are hereby repealed.

At this conference it was arranged that Drs. Wheeler, Gifford and your Chairman should go to Washington some time after the holidays, to confer with the government officials. It was also suggested that Dr. Tignor, of the Army Dental Corps, located at Fortress Monroe, meet with us. This meeting was called for January 18th, and we were fortunate in being able to see the Secretary of War, the Surgeon General of the Army and the Surgeon General of the Navy. Our reception and the consideration given the matters we presented indicated that these officials hold The National Dental Association in very high regard. We also conferred with several congressmen and we agreed that it was not a favorable time to attempt to introduce the bill or have it offered as an amendment to the appropriation bill, which had been suggested and even urged by some.

In going over this bill with Major Noble, of the Surgeon General's office, he expressed his personal opinion as favoring the eliminating of all of section of 2, following "no longer necessary." This is in keeping with the objection offered by Dr. C. R. E. Koch. In this respect, we followed the exact wording of the Medical Reserve Corps Act, but Major Noble stated that he favors eliminating this feature from their law. It would seem that his position is well taken since there is no good reason for commissioning members in either corps and then permitting them to decline to serve in the event that any occasion comes up where their services are required.

A full and detailed report of our Washington trip was made to the President and General Secretary and to the members of the Legislative Committee, under date of January 21st. We sent this out promptly in order that the Board of Trustees, which was to meet at Ann Arbor soon after this, could give the result of our trip to Washington such consideration as seemed advisable.

However, it was not long until there was a report that some general plan of reorganization of the Army was under consideration and our legislative program was not pushed, but a few weeks ago, the matter was again taken up with the Surgeon General of the Army. A copy of this correspondence is herewith attached to the report.

Another matter of legislation is of considerable importance to our profession, namely, the Harrison Narcotic law, which went into effect March 1st, 1915. Subdivision "a" of section 2, reads as follows:

(a) To the dispensing or distribution of any of the aforesaid drugs to a patient by a physician, dentist or veterinary surgeon registered under this Act in the course of his professional practice only: PROVIDED, That such physician, dentist, or veterinary surgeon shall keep a record of all such drugs dispensed or distributed, showing the amount dispensed or distributed, the date, and the name and address of the patient to whom such drugs are dispensed or distributed, except such as may be dispensed or distributed to a patient upon whom such physician, dentist or veterinary shall personally attend; and such record shall be kept for a period of two years from the date of dispensing or distributing such drugs, subject to inspection, as provided in this Act.

The first instructions were to the effect that dentists were exempt from keeping a detailed record, when personally using these drugs in the office, and this would seem to be in strict conformity with the letter and spirit of this Section. However, a later ruling issued by the Commissioner of Internal Revenue, defining personal attendance, which completely changes the situation. The definition is as follows:

"A physician, dentist or veterinarian must actually be absent from his office and in personal attendance upon a patient in order to come within the exemption of Section 2, paragraph A, of this law."

In the same circular of rulings we find the following:

"DRUGS DISPENSED, Record of.—A physician or dentist who administers minute quantities of drugs coming within the scope of this law in his office may keep a record of the date when a stock solution is made, and the date when such stock solution is exhausted without keeping record of the name and address of each patient to whom such drugs are administered. This plan will be allowed, however, only in cases of those physicians and dentists who use minute quantities of these drugs, such as oculists, aurists, and other specialists; but where a physician engaged in a general practice otherwise administers such drugs it will be necessary for him to keep a record of the name and address of the patient, of all drugs dispensed, distributed, or administered in his office, and of such drugs

left with the patient to be taken in his absence. Only such drugs are personally administered by a physician to a patient when away from his office are exempt from record."

Your chairman took this matter up with the Internal Revenue Collector of Columbus, who seemed to appreciate the fact that best possible record a dentist could keep would not be anything like accurate. After this conference your chairman first thought of writing to the department but owing to the short length of time before the meeting of the House of Delegates, it was thought best to call attention to the matter in the report of the Legislative Committee. Therefore, the question is before you for such action or recommendation as you desire to take.

Respectfully submitted,

HOMER C. BROWN, Chairman.
C. B. GIFFORD, Secretary.
A. C. ROSS.
HERBERT L, WHEELER.
CHAS. R. E. KOCH.

VICTOR H. JACKSON, New York, Chairman, presented the report of the Committee on Transportation and Place of Session, which was referred to the Reference Committee on Miscellaneous Business.

REPORT OF COMMITTEE ON TRANSPORTATION AND PLACE OF SESSION OF THE NATIONAL DENTAL ASSOCIATION.

To the House of Delegates.

Business at San Francisco, Cal.,
September 1st, 1915.

"The Committee on Transportation and Place of Session," calls attention to the unanimous action of the National Dental Association at the Washington meeting of nineteen hundred and twelve, in accepting the invitation of the Committee of Organization of the Panama Pacific Dental Congress to meet in conjunction with them at this time in San Francisco, nineteen hundred and fifteen.

Again at the meeting of the National Dental Association at Kansas City, Mo., July, Nineteen Hundred and Thirteen, the plan of the National Dental Association, meeting with the Panama Pacific Dental Congress at San Francisco in Nineteen Hundred and Fifteen, was fully discussed and approved.

The Committee on Transportation and place of Session of the National Dental Association altho located at distant points, began early to organize as required by the Constitution and By-Laws, and have done everything possible to encourage a large attendance at the Congress.

The Committee respectfully reports that they have carried on and accomplished satisfactory the works of the committee as defined, in securing special railway transportation rates to the meeting of the Congress.

Owing to the large membership of our Association, in October last an attempt was made by the Chairman of the committee to secure better railway rates for transportation to San Francisco than were granted the general public, but it was found after careful consultation with railway representatives, that all railways had agreed upon a general railway transportation rate which they necessarily had to maintain.

The committee prepared three railway itineraries from the East to San Francisco. They were reported and accepted at the meeting of the Ad-Interim Committees of the Association, later approved by the Officers of the Association; and incidentally were acted upon by the Officers and Board of the First District Dental Society of New York.

The three railway itineraries as prepared and approved were forwarded in January to the editors of all dental journals with the request that they publish them in their dental journals as soon as convenient. Several journals did not respond, but the itineraries were published promptly, in the following dental journals:

The Dental Review, Chicago.
Items of Interest, New York.
Dental Digest, New York.
Journal of the Allied Dental Societies, New York.
The Dental Register, Ann Arbor, Mich.

The Journal of the National Dental Association with which the Secretary distributed to the members of the Association the railway itineraries in booklet form.

The Place of meeting of the National Dental Association in 1916:

The committee reports as follows:

Recognizing that the best interests of the Association should at all times be the first consideration, and that at present the upbuilding of the Association, by increasing its membership, is all important, the committee is of the opinion, and suggest that the final selection of the place of meeting should largely be determined by the House of Delegates, which is composed of the delegates from the several states.

The Chairman of the committee has received several invitations to the National Dental Association to hold its session of 1916 in the following cities:

An invitation to hold the meeting in New York City from The New York Merchants' Association (dated July 2, 1915), supported by a direct invitation from Mayor Mitchell of New York City.

An invitation from the New York State Dental Association.

An invitation from The First District Dental Society of New York, and also an invitation from the Third and from the Fifth District Dental Societies of New York.

The Merchants' Association of New York City have proposed to provide, without charge, ample space for all of the National Association meetings, committee meetings, clinics, sufficient exhibition

spaces, etc., at the Hotel Astor, there being ample space for all, including the exhibits.

The Merchants' Association and the hotel interests have personally assured us that they will provide all space needed and that this hotel has the largest convention space of any hotel in the nation.

Elaborate descriptive booklets and diagrams of the hotel facilities are here presented.

An invitation of August 4th, 1915, to the National Dental Association, to hold the 1916 meeting in Louisville, Ky., was received from the "Louisville Convention and Publicity League," and the "Kentucky State Dental Association."

The invitation is followed by an invitation from the Governor of Kentucky, and another from the Mayor of Louisville.

The Louisville Convention and Publicity League offers, free of charge, the First Regiment Armory for clinic and exhibition purposes, and a building immediately across the street for all meetings, they providing whatever facilities that are required. They guarantee that hotel rates will not be increased.

Incidentally among the amusements they propose a boat trip up the Ohio River for all visitors.

An invitation of July 8th, 1915, to the National Dental Association, was received.

From the BUSINESS MEN'S CLUB of Memphis, Tennessee, to hold the annual meeting of the National Dental Association of 1916 at Memphis, Tenn.

They advise us that every facility for the proper conduct of the meeting will be arranged for.

Extensive descriptive booklets of their Hotels and their facilities are here presented.

An invitation, August 1st, 1915, to the National Dental Association, was received from the "Columbus Convention and Publicity Association," of Columbus, Ohio, to hold the annual meeting of the National Dental Association of 1916, at Columbus, Ohio.

The Columbus Convention Association assures us that all things needful are at hand for the successful conduct of the meeting.

Probably other cities have extended invitations that our committee have not yet received.

The committee are pleased to receive the above invitations.

The committee are convinced that each location has its advantages, but are of the opinion that the choice of the place of meeting in 1916 should be confined to the selection of one of the following: New York City, N. Y.; Louisville, Kentucky, or Memphis, Tennessee.

Respectfully submitted by

THE COMMITTEE ON TRANSPORTATION AND PLACE OF SESSION, NATIONAL DENTAL ASSOCIATION.

Dr. D. C. Bacon, Chicago, Ill.
Dr. Henry W. Weirick, San Francisco, Cal.
Dr. Henry F. Hoffman, Denver, Colo.
Dr. Joseph D. Eby, Atlanta, Geo.
Dr. J. P. Marshall, St. Louis, Mo.
Dr. V. H. Jackson, New York, N. Y., Chm.

WESTON A. PRICE, Chairman, Cleveland, Ohio, presented the report of the Committee on Scientific Foundation and Research Commission.

IT WAS MOVED and seconded that this report be received and approved. Carried.

See report on page 315.

In the absence of Dr. Mark F. Finlay, Chairman, Washington, D. C., the Secretary read a communication from Dr. Finlay relative to the report of the Committee on Public Health.

THE PRESIDENT stated that Dr. Finlay was chairman also of the Pharmacoepial Committee, and the report read applied to both, and as there were no recommendations made, it was unnecessary to take any further action.

EDWARD S. GAYLORD, Chairman, New Haven, Conn., presented the report of the Committee on National Relief Fund.

REPORT OF RELIEF FUND COMMITTEE FOR 1914 AND 1915.

Your committee submit the following report:

Receipts.

1914—Nov. and Dec.		
Cash purchase of Seals from 16 Dental dealers		$ 253.08
Nov. 1914 to June 1915.		
Cash received for subscriptions and sale of Seals from members of the dental profession		1223.61
Total receipts		$1476.69

Expenditures.

1914—Nov. and Dec.		
Circular letters, postage, clerical work, etc.		$ 78.75
Dec. 31st, 1914.		
Check sent to Dr. McFadden	$1162.50	
July 9th, 1915.		
Check sent to Dr. A. R. Melendy	235.44	1397.94
Total		$1476.69

The work of your committee has not resulted in as material increase to amount of the fund as the previous year, for two reasons. First—To open correspondence with our large membership, by en-

closing one hundred seals with request to purchase or return, as was done November and December, 1913, incurring considerable expense, also loss of many seals, either in transit or neglect to return, it was deemed unwise to repeat. Second—Your committee at our meeting last year in Rochester, outlined a plan before the House of Delegates, and later discussed with our General Secretary (viz.) to appoint a committee in the several states, who should solicit annual subscriptions from their members, making return of all money collected or pledged, to the General Secretary, mailing facilities of the Secretary's office being such as to greatly minimize both work and expense, while all would be under the supervision of your committee. A plan is being very successfully pursued in Tennessee, of collecting one dollar per capita of the membership of the State Society. Dr. Noel reports this is working well, and gives general satisfaction, which greatly simplifies the work, and strengthens the belief that work of collection and supervising the beneficiary thru the several State Society Committees, will best centralize the interest in the fund, and soon establish it on the desired working basis.

At a meeting of your Ad-Interim Committee held at Ann Arbor January, 1915, the Relief Fund Committee was represented, with the view of completing in detail the suggested method of making the office of the General Secretary a clearing house for the relief fund, and at once institute a campaign of systematic subscription and collection thruout the states. After considerable discussion, a motion prevailed, directing the Relief Fund Committee to cease all activities in further increase of the fund, until the subject should be freely discussed at this meeting, which in the opinion of your committee has resulted in an actual loss to the fund of several thousand dollars for the year. In other words, had the plan, as outlined by your committee at the Rochester meeting been set in motion, we would have had not less than twenty thousand dollars in the fund at this time. With this sum at our immediate disposal, our members have the assurance of relief, in the event of such disastrous visitation as the San Francisco earthquake and fire, when less than twelve thousand dollars was found ample to mitigate the loss of the members of our profession there, or a flood such as occurred at Dayton, Ohio, or a possible disease epidemic, to all of which immediate response could be made, under the preamble and resolution presented by the San Francisco Relief Committee (and formally accepted by this body) at Minneapolis August, 1907, when the San Francisco Relief Committee presented to the National Dental Association, the balance of $3969.75 received by subscription thruout the country, and required by them, thus establishing a nucleus for a substantial relief fund, (as recommended) of not less than fifty thousand dollars. The contact of your committee with a large number of our members the past three years, prompts us to the full belief this ideal can be realized in less than five years. But allowing no further solicitation is made, the present sum, $10,809.08, now on deposit at 4% interest, will more than double itself in seventeen years, thus we would have a fund of $21,591.33 to meet emergencies such as we have mentioned.

In further discussion of this subject, your committee would go back to the original resolution, which calls for a fund, the interest of which may be employed for the relief of superanuated dentists. Here we would offer an amendment, which would make the object more nearly conform to this age of progression by including such members, who by accident or sickness, are unable to support themselves or those dependent on them. We are deeply impressed by the importance of such provision, by the appeal for aid in many worthy and suffering families during the past two years. The fact that a relief fund is being raised, contributors to the fund are applying for assistance, which is justly their due, but the amount of interest, $426.32, on present sum would be subdivided to such extent, none would receive substantial aid, and the fund would thereby be deprived of its regular increase in compound interest. Your committee have to each application made such reply, and also stated no authority has been given by the National Dental Association to so dispense the fund.

The importance and advisability of acquiring a large amount in this fund, is in the minds of your committee augmented by approval, by word or letter, of a very considerable number who were members prior to reorganization; with our present membership of nearly fifteen thousand, the interest in this fund is correspondingly increased, and a system can be evolved thru committees in the different state organizations for collection and disbursement, which would not embarrass the office of the General Secretary, as apprehended in discussion at the Ann Arbor meeting, when it is possible your committee presented too vivid picture of a large business transaction.

The representative National Association of the world should, at least, stand shoulder to shoulder with Great Britain, where with less than three thousand contributing members, they have a relief fund of about thirty thousand dollars, with which they not only assist those, who by infirmity of age, sickness or accident are disabled, but aid worthy young men to obtain their dental education, return being made at low rate of interest, which by their earnings they are able to do.

It is recommended the national body abandon the collection of a relief fund, and apportion the amount now in hand among the states having contributed most toward it. To this proposition, your committee most earnestly protest, for the following reasons. First, by such act you abrogate the intent expressed by preamble and resolution of the California Relief Fund Committee in presenting the sum of $3969.75 as therein stated, to become

a nucleus for a National Dental Relief Fund, which was accepted by this body, and under which your committee have poised in soliciting and collecting the sum of $6688.33 during the past two years. A just sub-division among the different states would be most confusing to determine, as no book account has been kept of the source of the many contributors, and which course would be manifestly unfair, as contributions have been made with the one end in view, to establish a substantial fund in the name and under governance of the national body. Again, the moment you divorce this idea of the National Relief Fund, that moment you vitiate the work of your committee and create dissension and lack of interest among our members. Keep the amount together, create a machine for reaching our large membership, and you will find the interest of our members in the fund will increase proportionately, as the sum increases. With the sum of twenty thousand dollars at our immediate disposal, we are reasonably sure of very substantial relief in event of wide spread disaster which may overtake us. With forty thousand, or perhaps thirty thousand, we can direct the interest, to care for the most urgent calls for relief, and at that period the regular annual contributions will soon accumulate to the desired amount of fifty thousand dollars.

This assurance of your committee is based upon the unsolicited endorsement from our members, by contributions and letters the past three years.

Signed:

L. G. NOEL,
W. T. CHAMBERS,
JAMES McMANUS,
E. S. GAYLORD, Chairman,
Committee.

IT WAS MOVED by Dr. Fowler that the report be accepted and adopted. Seconded and carried.

With reference to the Committees on Public Health and Pharmacoepial, Dr. Burkhart said it was the intention of the Board of Trustees to make a recommendation with reference to some of these committees, and they would probably be taken up immediately after the adjournment of the House of Delegates. He suggested that this matter lie over until tomorrow. It was so ordered.

In the absence of the chairman of the Committee on Law, the Report of this committee was read by the Secretary.

REPORT OF LAW COMMITTEE.

To the Officers and Members of the National Dental Association:

The history of the dental profession and of dental societies, will show that we have devoted the greater share of our efforts in the promotion of education, and the fostering of skill in dental art, and this was the right thing to do. While the profession was yet in its infancy, it was necessary that we acquire those qualities which would enable us to rank as a profession. Now, that we have entered into young manhood, we find our capacity for mutual effort very much increased. Without letting down the bars in so far as educational equipment is concerned, we yet find ample scope for some of the material advantages as well. In this connection we find that the dental societies are continuing in the same path of evolution as did the trade unions before them. After the learning how, then followed social and economic advantages.

The trend of the dental society is enlargement in every direction. It is only necessary to observe the list of committees of the live dental society, to note the many activities which are in progress. Dental research, public dental education, dental legislation, dental colleges and a host of subjects are included. Not the least important is the matter which has been under consideration by the Law Committee of this association, which has for its object the protection of its members against illegal malpractice suits. Now, many dentists are protected in this manner by private insurance companies at a cost ranging from $10 to $15 per year. The same lawyers who undertake the defense of dentists for these insurance companies inform us that, if this association would conduct the defense of all of its members, it could be accomplished for twenty-five cents per year for each member. Quite a reduction you must admit, but it is not so unreasonable as might appear on first sight. It is a well known fact that all insurance companies figure a high percentage for the cost of securing business, then the matter of rents, salaries, and profits must be considered. The greatest cost, however, is in the fact, that all this equipment for dental protection is maintained and not one dentist in twenty takes out the insurance, and they who do, foot the bill.

The average local lawyer has not the experience, or the ability to successfully defend a malpractice suit. If, however, he can have the assistance of an expert, he is able to win easily, for the average lawyer opposing him rarely is able to formulate a proper indictment that will stand muster.

Now, because you have never been sued for a case of alleged malpractice, is no sign that you never will. Indeed, you may find such a proceeding filed against you on your arrival home. If such should be the case, it would be a great disaster to you. Not only a loss of time and money, but what is worse, a blow to the good reputation you now have, which has taken you years to acquire. This is no fairy tale. Many a dentist fully as good as you are, has been thus caught unprepared, and suffered unjustly thru lack of foresight. We used to sneer at fire insurance, in

the firm belief that it would be the other fellow's house that would burn instead of ours; we have advanced now to the place where hardly any property which can burn is held without adequate fire insurance.

There is hardly a work that this association can do for so small a cost, that will do the good and prove as popular with the rank and file of our membership, as will the work thus outlined. When this association arrives at a stage whereby it will devote twenty-five cents of the dues of each member for this work, and instruct its Law Committee to proceed with the defense, then will the day be past when a disgruntled patient shall prey upon the dentist who has done his best, but has met with some misfortune in doing it. Accidents happen in the best regulated families, and even dentists are not always immune. Until such time shall come when a committee can undertake this work, let us work to that end. Already, we have the experience of certain dental and medical societies which have successfully done this work, so it is no new untried plan that we shall follow.

We recommend that this committee be continued, and that its object and plans be laid before the various State Societies, and crystalize the sentiment regarding it.

Signed:

C. B. WARNER,
E. W. KENT,
J. A. LIBBEY,
Law Committee.

San Francisco, Cal., Aug. 30, 1915.

DR. FOWLER moved that the report be received and placed on record.

Seconded and carried.

J. V. CONZETT, Chairman, Dubuque, Iowa, read the report of the Representatives on Educational Council of America, and on motion of Dr. Buckley the report was received.

REPORT OF DELEGATES TO EDUCATIONAL COUNCIL.

August 24th, 1915.

To the President and House of Delegates of the National Dental Association:

Gentlemen:—Your committee representing the National Dental Association in the Educational Council has the honor to present the following report:

The Council has held two meetings in the past year, one at Rochester in July and one in Ann Arbor in January.

At the meeting in Rochester the following officers and committees were elected: President, George E. Mitchell, Vice President, John V. Conzett; Secretary and Treasurer, Henry L. Banzhaf.

Committees—Colleges: Thomas J. Barrett, Chairman; W. E. Grant, J. D. Patterson, Albert L. Midgley, Louis Meisburger.

Curriculum: H. E. Friesell, chairman; G. E. Hunt, A. R. Melendy, H W. Campbell, J. E. Orrison.

Legislation: J. V. Conzett, chairman; L. L. Barber, F. L. Platt, George E. Mitchell, Henry L. Banzhaf.

The Committee on Colleges was instructed to make an examination of the colleges of the United States and credit the colleges according to the conditions found to obtain therein. This work has been going on as rapidly as the time at the disposal of the committee and the funds available will permit. The Council is not yet prepared to submit a detailed report of such examinations and classifications for the reason that the work is far from complete and we respectfully as for further time and that a fund at least as large as that given us last year be set aside for the use of the Council.

We have the honor to state that in our opinion the work of the Council is of the greatest importance in unifying the entrance requirements, the Curriculi, and the hope is that ultimately we will be able to report progress in the attempt to unify the laws of the various States, making possible a National reciprocity.

Respectfully submitted:

J. V. CONZETT, Chairman.
T. L. BARBER.
FRANK L. PLATT,
GEO. N. WEST.

DR. VOLLAND reported for the Committee on Amendments, a change in Chapter 7 of the By-Laws, Section 1, as follows: "Nominations for office, except that for Treasurer, shall be made orally, but no nominating speech shall exceed three minutes in length. Any nominee receiving the majority of votes cast shall be declared elected." The change in the By-Laws is that "The Treasurer shall be nominated by the Board of Trustees," the remainder of the sentence to be stricken out, namely, "who shall present two names." (To lie over until tomorrow.)

DR. BURKHART offered the following resolution: Whereas, It has come to the notice of the National Dental Association that Mr. George Eastman, of Rochester, New York, has generously contributed a sufficient sum to endow and maintain a dental dispensary for the relief of

the worthy poor children, of Rochester, New York, therefore, be it

RESOLVED: That the National Dental Association, in annual convention assembled, desires to commend the humanitarian motives which have prompted this most generous gift and heartily extends to Mr. Eastman the grateful appreciation and thanks of the dental profession of America.

THE RESOLUTION was seconded and carried.

HERBERT L. WHEELER, Chairman, New York City, read the report of the Journal Committee.

TRUSTEES NATIONAL DENTAL ASSOCIATION.

August 30, 1915.

The Journal Committee desire to submit the following report:

During the year, upon recommendation of the committee, the Trustees have changed the name from The Bulletin to the Journal of the National Dental Association.

We feel that the Journal has made good during the year because of the very important part it has taken in perfecting the organization of the association and the assistance it has been in holding it together, as well as in publishing the reports of its proceedings and scientific activities.

The policy of accepting advertising has been adopted and this has assisted somewhat in helping to bear the burden of expense.

We recommend that its publication be continued along the present lines for the present.

Chairmen:
HERBERT L. WHEELER.
O. U. KING.
BURTON LEE THORP.
W. H. G. LOGAN.

DR. WOODS moved that the report be received and adopted. Seconded and carried.

DR. BURKHART stated that the President, in his address, referred to the Forsyth Memorial, and he would suggest that if there is not already on record a resolution of appreciation to the Forsyth brothers, that the Committee to whom the President's address has been referred, prepare a suitable resolution covering both Mr. Eastman and the Forsyth brothers.

DR. BELCHER, of Rochester, New York, offered a resolution in regard to the presentation of a loving cup to the Forsyth brothers, which was referred to the Reference Committee on Reports of Officers.

FORSYTH RESOLUTION.

To the House of Delegates of the National Dental Association:

Whereas, Thru the generosity and wisdom of the Forsyth brothers of Boston, Mass., in founding the Forsyth Dental Infirmary for children the dental profession has received a national uplift and

Whereas, This magnificent gift to the children of Boston and generations unborn place the name of Forsyth as among the country's greatest benefactors and no distinction, honor or gift within our power to bestow on them, can be but a weak expression of our appreciation, therefore,

Resolved, That the House of Delegates of the National Dental Association, in recognition of this unselfish charity present the Messrs. Forsyth, thru Thomas A. Forsyth, the only living brother, a silver loving cup, as the gift of the Dental Profession of America.

Resolved, That a committee be appointed to solicit funds from the various state, district and local dental societies and individual members of the profession to this end.

To purchase and present this gift of our appreciation to Mr. Thomas A. Forsyth with suitable ceremonies and a time and place selected by the committee.

Signed:
WM. W. BELCHER.

DR. LOGAN moved that the House of Delegates adjourn until 2:00 o'clock tomorrow, and that this session be the last session of the House of Delegates.

Seconded and carried.

Thereupon, the House of Delegates adjourned.

Second Session—Thursday, September 2, 1915.

The House of Delegates met in Municipal Auditorium at 2:00 P. M. and was called to order by the President.

The Secretary called the roll.

The minutes of the previous meeting were read and approved.

Under reports of Reference Committees, the report of the Reference Com-

mittee on Dental Education was called for.

DR. SPINNEY stated that he had been unable to meet with the other members of the committee. However, personally he would individually commend and recommend the adoption of the committee's report on Dental Education.

ON MOTION, which was duly seconded, the report was accepted.

DR. VOLLAND moved that the amendment to Section 1 of the By-Laws, Chapter VII, be adopted.

After some discussion, Dr. Brown moved as an amendment to the amendment that the Treasurer shall be elected by the Board of Trustees.

The amendment was seconded by Dr. Sims and carried unanimously.

The original motion as amended was put and carried.

DR. F. C. FRIESELL read the report of the Reference Committee on Dental Legislation, as follows:

REPORT REFERENCE COMMITTEE DENTAL EDUCATIONAL COUNCIL.

Reference Committee recommend the adoption of the report on Dental Educational Council and also that the sum of Two Hundred Dollars be appropriated for the work of The Educational Council for the ensuing year.

D. F. SPINNEY.
F. C. FRIESELL.

September 2, 1915.

DR. WEST moved that the report be adopted. Seconded and carried.

DR. BROWN stated that according to the Constitution and By-Laws, the financial affairs of the organization remained in the hands of the Board of Trustees, and therefore, committees could not recommend the appropriation of money. It was specifically stated that the committees on dental education and legislation, as well as other committees, could not expend money or contract any obligations except upon the written approval of the Board of Trustees. Therefore, he thought it would be in order to reconsider that part of the report.

DR. BURKHART said the Chair would be justified, in order to expedite matters, to declare the action just taken out of order. He suggested that the Secretary read the report of the proceedings of the Board of Trustees with their recommendation, so that the work of the Board of Trustees might be brought before the House of Delegates, particularly as they voted a recommendation with reference to this particular committee and some others.

THE PRESIDENT stated that part of the report which pertains to the appropriation of money was contrary to the Constitution and he would so rule that that portion of it be stricken out.

THE SECRETARY then read from the report of the Board of Trustees in regard to the Dental Educational Council, voting to recommend that $100.00 be appropriated for the use of this Council.

The Chair stated that it was unnecessary to discuss the recommendation in regard to the appropriation at this time.

DR. BUSH JONES, of Texas, read the report of the Reference Committee on legislation, as follows:

REPORT OF COMMITTEE ON LEGISLATION.

We, your committee, appointed to report on the report of the Committee on Dental Legislation, beg leave to report as follows:

1. After a careful investigation we are convinced that the Dental Corps of the Army does not receive the consideration to which their position and services are entitled, and the Dental Profession does not receive proper recognition. Therefore, we recommend that the House of Delegates endorse the bill to increase the efficiency of the Dental Corps of the United States Army as proposed by the Committee and presented to the House of Delegates, and urge that they use all honorable means to secure its passage or the best one possible.

2. We also find that the recent ruling on the Harrison Narcotic Bill of March 1, 1915, imposes reports to be made by members of the Dental Profession that are impossible to make.

We recommend that the House of Delegates pro-

test against such ruling and instruct the Committee to use their best efforts to have such ruling changed so the dentists will be exempt under Section 2, Paragraph A, of the law.

We further recommend that the Board of Trustees be empowered to provide funds sufficient for said work.

Respectfully submitted,

BUSH JONES, Texas,
FRED W. MEAKIN, Utah,
J. A. DALE, Tennessee,
Committee.

DR. PRICE moved that the report be received and adopted. Seconded and carried.

WALLACE WOOD read the report of the Reference Committee on Reports of Officers, as follows:

REPORT OF COMMITTEE ON PRESIDENT'S ADDRESS, NATIONAL DENTAL ASSOCIATION.

September 2, 1915.

To the President, Officers and Members of the House of Delegates, of the National Dental Association:

Your committee on the President's address respectfully beg to report as follows:

First: Your committee wishes to heartily commend the able and painstaking manner in which he has so carefully and concisely presented his address, bristling with facts covering the entire field of the past year's work, without tiring or burdening his audience with voluminous statistics or rhetorical superfluity, confining himself briefly to facts and the necessary recommendations.

It would have been a pleasure for your committee to give more thought and study to this masterpiece of oratory to enable us to more adequately eulogize its deserving qualities, but unfortunately, as the time allotted to your committee for the consideration of this masterly address is so short and the inability of your chairman to meet and properly confer with the rest of the committee, and desiring to profit by the example of briefness so skillfully suggested by our worthy President, we will only consider the recommendations as set forth, and confine ourselves to their discussion.

The Roll Call.

To the list of those who have passed to the Great Beyond we regret to add the name of the great and beloved Doctor G. V. Black, one of the great apostles of dentistry, whose life work was devoted to our cause, and we would respectfully recommend that a special committee be appointed to draft a set of suitable resolutions to be inserted and spread upon the minutes of this organization and such other action as may be deemed expedient and befitting not only to him, but also to those who have departed from amongst our midst, and are now peacefully journeying along that great unknown road that leads to peaceful happiness.

The National Dental Journal.

Your committee respectfully concurs with the President in recommending that nothing be done for the present to disturb the rapidly growing success of the Journal, but that as soon as practicable, it should be made into a monthly, instead of a quarterly, even at a slight increase of dues if necessary.

The Scientific Foundation and Research Commission.

Your committee wishes to commend the good work of this very important body, and respectfully recommends that the House of Delegates pledge its support in its advancement in every way possible, and that we individually offer our co-operation thru our local societies.

Legislation.

Your committee concurs in the opinion of the President relative to the endeavoring of members to influence legislation as it should be handled entirely by the committee representing the National organization.

Our Relief Fund.

Your committee respectfully recommends that the relief fund be continued and that the House of Delegates thoroly debate the subject in an earnest endeavor to continue same.

Oral Hygiene and Public Service Commission.

Your committee respectfully recommends that the by-laws be amended to provide for an oral hygiene committee, permanent in character, to consist of five members to whom all matters pertaining to oral hygiene or public service shall be referred, and it shall be their duty to advance and promote oral hygiene and public service wherever possible, and to co-operate with all co-ordinate bodies for this purpose.

The Dental Cross.

Concurring with our President, your committee would respectfully recommend that a committee of three be appointed to design an official badge consisting of a cross, lilac in color, to be adopted and put in effect at this session.

Our Advancement.

It is with great pleasure and satisfaction that your committee can concur with our President in what he has said in regard to our advancement and progress, fully believing that the achievements of the dental profession during the past year, both in scientific research and public enlightenment, is far greater than in any previous year.

The Forsyth Dental Infirmary.

Notable among the many events of extreme interest to our profession was the endowment and opening of the Forsyth Dental Infirmary at Boston, Massachusetts, and your committee respectfully recommends that the National Association appoint

a committee of five to draft a suitable resolution to be inscribed upon a bronze tablet commemorating with suitable honor and dignity, this great and worthy event.

The George Eastman Dental Infirmary.

Your committee would also respectfully recommend that the same committee be empowered to do likewise for the great George Eastman free dental dispensary for the poor of Rochester, New York, and that a suitable resolution be indicted on a bronze tablet and be presented to them, for this is really the fruit from the seed planted by our association meeting in that city last year.

Slogan.

Your committee would respectfully recommend the adoption of a resolution requiring all members of the National Association to boost the Association affairs by adopting the following as a slogan: "Twenty Thousand Members for Nineteen Sixteen." As we are frequently called, altho unjustly so, (pullers), let us all pull together to this end.

Very respectfully submitted,

COMMITTEE ON PRESIDENT'S REPORT.
Wallace Wood, Jr., Chairman.

DR. LOGAN moved its adoption. Seconded and carried.

REPORT OF THE MISCELLANEOUS COMMITTEE.

To the House of Delegates of the National Dental Association:

Your Committee after having carefully considered the invitations tendered the National Dental Association for its 1916 convention, do hereby recommend after considering the question from many angles, that the invitation from Louisville, Kentucky, be accepted.

GEO. T. WILLIAMS,
J. C. JONES,
Committee.

DR. BERGSON reported for the Reference Committee on Miscellaneous Business, that as a member of the committee he favored Louisville, Kentucky, as the place for holding the next meeting of the National Dental Association. He was not the chairman of this committee, but this was his individual report.

DR. BURKHART moved that when we adjourn, it be to meet in Louisville, Kentucky, for the 1916 session.

Seconded and carried.

As to the time of meeting, Dr. Logan moved that it be left to the Board of Trustees.

Seconded and carried.

THE SECRETARY read the report of the proceedings of the Board of Trustees, with its recommendations.

REPORT OF BOARD OF TRUSTEES.

To the members of the House of Delegates of the National Dental Association, the Trustees desire to make the following recommendations and nominations:

The members of the Judicial Council were nominated as follows: J. R. Callahan, Cincinnati, Ohio; R. Ottolengui, New York City; Victor S. Jones, Bethlehem, Pa.; T. L. Grisamore, Chicago, Illinois; and Wm. F. Sharp, San Francisco, California.

Dr. Fred W. Gethro, Chicago, of the Dental Educational Committee was nominated for re-appointment to serve five years.

On the Dental Legislative Committee, Dr. Charles R. E. Koch, Chicago, Illinois, was nominated for re-appointment for five years.

On the Committee of Transportation and Place of Session, the following were nominated as members of this Committee: D. C. Bacon, Chicago, Illinois; Max M. Eble, Louisville, Ky.; Roscoe A. Day, Oakland, Cal.; Howard Seip, Allentown, Pa.; and Joseph D. Eby, Atlanta, Ga.

On the Research Commission, it was moved that the action of the Board of Trustees be confirmed in recommending that Dr. Carl D. Lucas, Indianapolis, Indiana, succeed the late Dr. George E. Hunt, and that Dr. Arthur D. Black, Chicago, Illinois, succeed the late Dr. G. V. Black. The rest of the Committee to serve for five years are Frank O. Hetrick, Ottawa, Kansas; Marcus L. Ward, Ann Arbor, Michigan; Frank L. Platt, San Francisco, California; Norman I. Broomell, Philadelphia, Pa., and R. H. Volland, Iowa City, Iowa.

IT WAS VOTED that the Journal Committee consist of W. H. G. Logan, Otto U. King, and Herbert L. Wheeler.

VOTED to recommend the continuation of the Committee on Oral and Dental Hygiene, this Committee to consist of Charles H. Oakman, Detroit, Mich.; L. D. Mitchell, Oklahoma City; B. S. Hurt, Rochester, N. Y.; H. F. Hoffman, Denver, Colorado, and J. D. Patterson, Kansas City.

IT WAS MOVED to recommend that the Committee on Dental Museum be continued, and the Committee consist of the following members: G. W. Boynton, Chairman, Washington, D. C.; Thomas L. Rust, Vice-Chairman, Washington, D. C.; C. A. Hawley, Secretary, Washington, D. C.; Chester B. Reed, Topeka, Kansas; William O. Hulick, Cincinnati, Ohio; Henry W. Morgan, Nashville, Tenn.; C. V. Vignes, New Orleans, La., and Thomas E. Purcell, Kansas City, Missouri. Seconded and carried.

VOTED to recommend that the Representatives

on Educational Council of America be re-appointed as the Committee now stands.

VOTED that one hundred dollars be appropriated for the use of this Council.

VOTED to recommend that the Committees on Public Health, Pharmacoepial and Law be discontinued.

VOTED that Dr. Arthur R. Melendy, of Knoxville, Tennessee, be re-elected as Treasurer.

OTTO U. KING, Gen'l Sec'y.

DR. FOWLER moved that the report be accepted and adopted.

Seconded by Dr. Wood.

DR. FRIESELL called attention to the appropriation of only $100.00 for the Dental Educational Council. He thought it should be $200.00 as recommended by the committee, and therefore, moved as an amendment to the report that the Board of Trustees be asked to appropriate $200.00 for this purpose.

The amendment was seconded, accepted and the original motion as amended was put and carried.

The next thing in order was the election of officers.

L. P. DOTTERER nominated Dr. Thomas P. Hinman, of Atlanta, Georgia, for President, and Dr. Homer C. Brown, seconded the nomination.

DR. WOOD moved that nominations be closed, and that the Secretary be instructed to cast a unanimous affirmative vote for Dr. Hinman as President.

Seconded and carried.

THE SECRETARY did as instructed, and Dr. Hinman was declared duly elected President.

There were cries of "Speech, speech."

DR. HINMAN said: "Brothers and friends: I can truly say that this is the proudest moment of my life, with the exception of one, and that was when I married the sweetest girl in the world. I am not unmindful of the honor that has been placed upon my shoulders, nor the responsibility that will accrue from it. What I ask of you is your hearty co-operation in this, the crucial year of our association. We have had practically no meeting this year, and necessarily things will have to be, to a certain extent, reorganized for our 1916 meeting. You have elected a Southern man and you are going to meet in a Southern town. We will try to take care of you from every possible standpoint. It is a peculiar gratification to me to be elected in this manner. I am not a man who seeks office, and, coming in such a delightful way, makes it much more pleasant. I wish every one of you a pleasant and safe journey home, and I assure you that in Louisville in 1916 you will receive one of the heartiest welcomes, and we will try and have for you one of the best meetings ever held by dentists. I thank you. (Applause).

The following officers were nominated and declared duly elected:

First Vice-President, Dr. H. B. Tileston, Louisville, Ky.

Second Vice-President, Dr. Arthur M. Flood, San Francisco, Cal.

Third Vice-President, Dr. Wm. A. Giffen, Detroit, Mich.

General Secretary, Dr. Otto U. King, Huntington, Ind.

Treasurer, Dr. Arthur R. Melendy, Knoxville, Tenn.

Members of the Board of Trustees, Dr. C. L. White, Oklahoma City, Okla.; Dr. Thomas B. Hartzell, Minneapolis, Minn.; Dr. Geo. T. Williams, Seattle, Wash.

Dr. Burkhart offered the following:

RESOLVED, That this House of Delegates, representing the National Dental Association, do, by rising vote, extend their thanks to the retiring President for the splendid administration of affairs which we have had during the past year, and for the delightful, urbane and splendid manner in which he has presided over the deliberations of this body.

Seconded and carried.

PRESIDENT GALLIE said it was gratifying to get such an expression of thanks from the House of Delegates.

DR. FOWLER offered a resolution commending and thanking the profession of San Francisco, for the magnificent manner in which they have entertained the members of the National Dental Association at this meeting, which was duly seconded and unanimously carried.

At this juncture, the retiring President appointed Drs. Johnson and Burkhart to escort the newly elected President to the platform.

DR. FRIESELL moved that all section officers hold over until next year.

Seconded and carried.

DR. WOOD moved that all unfinished business and matters that have not been finished be turned over to the Board of Trustees for further action.

Seconded and carried.

PRESIDENT GALLIE read the following letter from Wm. J. Bryan, Secretary of State, in regard to the appointment of a delegate to the Panama Scientific Congress.

INVITATION TO PAN-AMERICAN SCIENTIFIC CONGRESS.

To the President of the National Dental Association:

Dear Sir: By virtue of the authority conferred upon me by the Congress of the United States of America, I have the pleasure to extend to the National Dental Association a cordial invitation to participate by one delegate, with alternate, in The Second Pan-American Scientific Congress to be held under the auspices of the Government of the United States at the City of Washington from December 27, 1915, to January 8, 1916, inclusive.

Assuring you that the representatives from the Association will be most heartily welcomed,

I am, my dear Sir,

Very truly yours,

W. J. BRYAN,
Secretary of State.

Department of State, Washington, February 12, 1915.

THE PRESIDENT nominated as delegate for this Congress, Dr. Clarence Grieves, of Baltimore, and Dr. R. H. Swing, of Philadelphia, as alternate.

DR. KING, the General Secretary, submitted a detailed report of the financial affairs of the association. (Report on page 402.)

DR. BURKHART asked unanimous consent for the Board of Trustees to prepare amendments providing for a President and a President-elect, which was granted.

PRESIDENT GALLIE, in introducing his successor, said:

"DR. HINMAN, I have no gavel to turn over to you, but desire to give you my best wishes for a successful administration, and I can assure you that this is a body of men you will learn to love, if you do not know them already, and I know I can prophesy a very excellent and successful administration for you. (Applause).

PRESIDENT HINMAN thanked Dr. Gallie for the cordial greeting he had given, and he asked the hearty co-operation of every member to make the meeting a successful one next year.

DRS. GAYLORD and BROWN were appointed a committee to escort the First Vice-President, Dr. Tileston, to the platform.

DR. TILESTON thanked the House of Delegates for the honor conferred upon him.

The minutes of this session of the House of Delegates were read and approved, after which, on motion, which was duly seconded, the House of Delegates adjourned to meet in Louisville, Kentucky, July 25, 26, 27, 28, 1916.

OTTO U. KING,
General Secretary.

PROCEEDINGS OF THE BOARD OF TRUSTEES.

Minutes of the Nineteenth Annual Session of the National Dental Association, Held at San Francisco, Cal., September 1-2, 1915.

First Session of the Ad interim Committee.

Powers Hotel,

Rochester, N. Y., July 10, 2 P. M.

DR. DON M. GALLIE of Chicago, the new President, called the meeting to order and announced that we were ready to transact business.

Members present were Drs. Don. M. Gallie, J. P. Buckley, H. J. Burkhart and Otto U. King.

VOTED that an order be drawn on the treasury for $7.00 for bill filed by Edgar M. Carson, member of the Clinic Committee.

The bill of $30.53 for Dr. Gerald G. Burns, member of the Clinic Committee, was read and upon motion made, seconded and carried this bill was authorized to be paid.

DR. HOMER C. BROWN, Chairman of the Legislative Committee, appeared before the Committee and after due consideration, the following motion was past.

VOTED that the Legislative Committee be instructed to carry out the legislation approved by the House of Delegates and that the sum of one hundred dollars ($100) be appropriated to this committee.

VOTED that the Lincoln National Bank of Rochester be the depository for funds of the National Relief Fund.

VOTED that all relief funds of the National Dental Association now or hereafter deposited with the Lincoln National Bank of Rochester, Rochester, New York, be subject to the check of the Association, signed Relief Fund, National Dental Association, by its treasurer.

VOTED that the bond of the treasurer be approved by the President and Secretary.

The following were appointed on the Oral and Dental Hygiene Committee: Drs. W. H. G. Logan, Chicago, Chairman; J. D. Patterson of Kansas City, Mo., Stanley L. Rich of Nashville, Tenn.; H. F. Hoffman, Denver, Col., and W. D. Tracy of New York City.

There being no further business, the meeting adjourned.

Second Session of Ad interim Committee.

LaSalle Hotel, Chicago, Ill.,

Nov. 1, 1914, 9:30 a. m.

Pursuant to the call of the president, the Ad Interim Committee met in LaSalle Hotel, Chicago, November 1st, 9:30 a. m.

The meeting was called to order by the president, Dr. Don M. Gallie, who announced that the Ad Interim Committee had met to transact important business, relative to the work of the Transportation Committee, the Publication Commit-

tee, and to discuss and transact any other business that might come before this committee.

Members of the various committees present were Drs. Gallie, Buckley and King of the Ad Interim Committee; Drs. Wheeler, Logan, Grant and Thorpe of the Publication Committee; and Dr. Bacon of the Transportation Committee.

The first business to come before the meeting was the report of the Transportation Committee. Dr. D. C. Bacon, Chicago, reporting for this committee, gave in detail the various routes and the itinerary for a special train or trains from New York City to the Panama Pacific Dental Congress. Dr. Bacon asked for an expression of the individual opinion of the various members present, relative to their preference in the routing of this special train. The majority expressed themselves as favorable to the Santa Fe route thru Los Angeles.

The committee then took up and discussed, informally, matters pertaining to the Panama-Pacific Dental Congress.

VOTED that the president and secretary be instructed to advise the officers of the Panama-Pacific Dental Congress, that this body would suggest, that the congress be limited to one week instead of ten days, if it is possible to make such arrangements.

ON MOTION made, seconded and carried, the president and Secretary were instructed to secure from Dr. Platt, if possible, two sessions for the House of Delegates of the N. D. A., preferable days being Wednesday and Thursday, September 1st and 2nd.

The president and secretary were also instructed to arrange for hotel headquarters for the officers of the N. D. A.

This meeting then took a recess in order that the Publication Committee might hold a meeting.

First Meeting of Publication Committee.

LaSalle Hotel, Chicago, Ill.,

Nov. 1, '14, 10 a. m.

Dr. Herbert L. Wheeler called the Publication Committee to order.

UPON MOTION made, duly seconded, and carried, Dr. Wheeler was elected chairman and Dr. King secretary, of the Publication Committee.

The first matter of business taken up was a discussion, in an informal way, of the journal proposition. The resolution passed by the Board of Trustees and Houes of Delegates at the Rochester meeting was read. After a thoro discussion of every phase of this journal proposition, the General Secretary, Dr. King, was advised to continue the editing and managing of the Bulletin, carrying out the same policies that had already been used in the publication of this magazine.

Dr. King, after a short explanation of the enormous amount of work and responsibility connected with the publication of this Official Bulletin, requested that he might have an advisory committee of at least two members, one to represent the Ad Interim Committee, and the other one to represent the Publication Committee.

Complying with this suggestion, Dr. Burton L. Thorpe presented the following resolution which was passed: That Dr. Gallie, President of the N. D. A., and Dr. Wheeler, chairman of the Publication Committee, be appointed as an advisory committee and to act with secretary on all matters relating to the editing and publishing of the Official Bulletin, that needs immediate action.

DR. WHEELER was instructed to advise the officers of the Panama-Pacific Dental Congress that the N. D. A. would not be in a position to publish the proceedings of their congress.

Other phases of the National Dental Journal were discussed, but no definite action taken.

There being no further business before this committee, the committee adjourned to meet in Ann Arbor, Mich., January 26, 1915.

Third Session of the Ad interim Committee.

Immediately following the Publication Committee meeting, Dr. Gallie again called the Ad Interim Committee to order at 11 a. m.

The Secretary read a communication from the Treasurer, Dr. H. B. McFadden, suggesting that Drs. Chas. R. Butler of Buffalo, N. Y., be elected to life membership in the N. D. A. Dr. Butler was President of the American Dental Association in 1888.

UPON MOTION of Dr. J. P. Buckley, which was duly seconded, Dr. Butler was elected to life membership.

The cost of printing the 15,000 certificates and the making of mailing tubes for the same was thoroly discussed and the secretary authorized to let the contract to C. L. Ricketts, Chicago. The contract amount for the 15,000 certificates was $27.80 per M, making a total of $507.00, less 10 per cent discount, $446.30. The cost of the 15,000 mailing tubes at $6.00 per M, would amount to $90.00, less 10 per cent discount, $81.00.

THE SECRETARY was authorized to pay all printing and stationery bills.

THE BALANCE due the Whitelock Press for publishing the Official Bulletin was allowed.

THE BILL to R. L. Polk of $5.00 for one directory was allowed.

CLINTON FISHER'S bill for $58.00 for cover design for the Official Bulletin was allowed.

THE GENERAL SECRETARY presented his itemized expense account from July 10 to November 1, a total of $829.62. This bill included all postage for mailing the Official Bulletin, mailing certificates and other postage accounts in connection with the Secretary's office. This itemized statement also included all telephone, telegraph, freight, and office labor bills, etc. This bill was allowed.

THE GENERAL SECRETARY submitted a detailed statement taken from the National Dental Association ledger—secretary's cash book—showing the total receipts and disbursements to Nov. 1, 1914.

This statement had been O. K.'d by Harry O. Dungan, assistant cashier of the Citizens' State Bank, Huntington, Indiana.

The Secretary suggested that this report when prepared for publication include all receipts and disbursements to Jan. 1, 1915.

ON MOTION of Dr. Buckley, the Secretary and Treasurer were authorized to close their books on Jan. 1, 1915, and publish these reports in the Journal.

It was decided to hold the next meeting in Ann Arbor, Mich., on January 26, 1915.

There being no further business, the meeting adjourned.

Meeting of the Ad interim Committee.

Ann Arbor, Mich., Jan. 26, 1915.

Pursuant to the call of the president, the Ad Interim Committee met in the Allenel Hotel, Ann Arbor, Mich., January 26, 1915, at 1:30 p. m.

The meeting was called to order by the President, Dr. Don M. Gallie, who announced that the Committee had met to transact important business relative to the work of the Publication Commit-

tee, the Scientific Foundation and Research Commission, the National Relief Committee and any other business that might come under the jurisdiction of the Ad Interim Committee.

Every member of the Ad Interim Committee was present. The members of this committee consist of Gallie, King, Ward, Burkhart and Buckley.

The members of the Publication Committee, other than those included in the Ad Interim Committee present, were Drs. Wheeler, Logan and Grant.

DR. WESTON A. PRICE, chairman of the Scientific Foundation and Research Commission, appeared in behalf of this commission explaining in detail the work that the members of this commission had done in trying to perfect articles of incorporation for an organization to be known as the Research Institute. This entire proposition was discussed informally from every phase of the articles of incorporation, necessary to secure a charter for this Research Institute.

DR. BUCKLEY made the following motion which was seconded by Dr. Ward that the recommendations of the commission be approved as follows:

That the present membership for the incorporation may be increased to (40) forty and that the Board of Directors may be increased to (24) twenty-four; also, that the directors shall give bond from a security company subject to the approval of the Board of Directors. The premium to be paid for by the Research Institute. This motion was carried.

MOVED by Dr. Buckley and seconded by Dr. Burkhart, that the Ad Interim Committee, representing the Board of Trustees of the National Dental Association, ratify the plan of the commission and direct them to proceed and take such steps as may be necessary for the proper and legal incorporation of the Research Institute of the National Dental Association in accordance with the laws of the State of New York. Motion carried.

Dr. Price explained to the board that in order for the Research Institute to carry on its work to the best advantage, it would be necessary for them to make arrangements whereby their research records, researches, etc., could be published. Dr. Price suggested that the Research Institute have a special department in The Journal of the National Dental Association, and that all of their records and announcements appear in our own publication.

After this matter had been thoroly discussed, in an informal way, Dr. Burkhart moved and Dr. Buckley seconded the motion, that the Research Institute of the National Dental Association be given a department in The Journal for the publication of its proceedings and work. The space to be under the control of the Journal Committee of the N. D. A. and the directors of the Research Institute. Motion carried.

Dr. Price on behalf of the commission expressed his hearty thanks for the cooperation and support of the National Dental Association in the perfecting of the Research Institute.

DR. GAYLORD, chairman of the Relief Committee, gave a report on the work being done by his committee and suggested plans for its future work. After these plans were thoroly discussed, the board unanimously agreed that if the plans of this committee were perfected as outlined by the chairman, that it would greatly increase the responsibility of the National Dental Asociation.

UPON MOTION made, seconded and carried, the Relief Committee was requested to furnish additional information and suggestions for the proper consideration of the work of this committee to the Board of Trustees before the first session of the House of Delegates, 1915.

The Secretary of the National Dental

Association outlined in detail a plan whereby he had changed the name of the Official Bulletin to The Journal, and upon this basis had already secured contracts for 20 pages of advertising. He explained in detail the cost of publishing each issue of The Journal and that the finances received from the advertising pages would be almost sufficient to cover the cost of publishing The Journal.

MOVED by Dr. Ward and seconded by Dr. Burkhart that the Official Bulletin of the National Dental Association be changed to The Journal of the National Dental Association. Carried.

UPON MOTION made, seconded and carried, all advertising matter must first be sumbitted to the Journal Committee for their approval before publication.

UPON MOTION of Dr. Burkhart, which was duly seconded, the membership fee for foreign dentists in the N. D. A. was increased to $2.00.

UPON MOTION of Dr. Buckley, which was duly seconded, the Secretary was instructed to place in the files of the association the report of the Necrology Committee for 1914.

The report of the work being done by the Legislative Committee was read and filed.

MOVED by Dr. Burkhart and seconded by Dr. Buckley, that 25 per cent of the advertising receipts be placed to the credit of The Journal fund. Carried.

The Secretary of the Kentucky State Dental Society reported that they had made an error and sent in 1914 dues—$24.00 in excess of their membership, and thru their Secretary, they asked for a return of this amount. The Ad Interim Committee instructed the National Secretary to inform the Kentucky Society that, in view of the fact that their State had seated its quota of delegates in the National House of Delegates on the strength of a membership of 300, no funds below this amount ($300.00) could be returned.

Dr. King reported that, thru Dr. Platt (the President of the Panama-Pacific Dental Congress), he had contracted for the Clift Hotel as headquarters for the officers of the National Association and that he had also secured on the program of the Panama-Pacific Dental Congress two afternoon sessions of the House of Delegates, September 1 and 2.

Adjourned.

Meeting of the Board of Trustees of the National Dental Association.

Chicago, Ill., LaSalle Hotel,
February 27, 1915.

Pursuant to the call of the President of the National Dental Association, the Board of Trustees met at the LaSalle Hotel at 10 a. m. with the following present: Gallie, King, Hartzell, Burkhart, Buckley, and Ward. The other members of the Board sent proxies as follows: Boardman's proxie to Burkhart, Hinman's and White's proxies to Buckley, and Grieve's and Wherry's proxies to King, which proxies are hereto attached, marked exhibits (a), (b), (c), (d) and (e).

The object of this Board meeting was specified in the call as follows:

Huntington, Indiana,
February 20, '15.

To Board of Trustees:—

The president, Dr. Gallie, has instructed me to call a meeting of the Board of Trustees to meet in Chicago at the La Salle Hotel, February 27th, 1915, at ten o'clock a. m. This meeting will be for the purpose of filling the vacancy caused by the death of Dr. H. B. McFadden, Treasurer of N. D. A.

The Board will also fill the vacancies caused by the death of Drs. T. E. Turner,

Second Vice President, St. Louis, Mo.; W. E. Walker, Secretary, Section III, New Orleans, La., and Geo. E. Hunt, Indianapolis, Ind., member of Research Commission, and transact any other business that may come before this body.

This will be a very important meeting. We must comply with the law and rules of banks and bonding companies, therefore the Secretary will have to certify under seal—after the Trustee meeting, that the meeting was called in legal form and conducted according to the rules. He will also have to certify to the election of a Treasurer and the various resolutions authorizing the transfer of money and property.

Trusting you may be able to attend, and with best wishes and kindest regards, I am

Fraternally yours,
OTTO U. KING, Secretary."

DR. ARTHUR R. MELENDY, Knoxville, Tennessee, was nominated and by ballot unanimously elected Treasurer, to fill the unexpired term of the late Dr. H. B. McFadden, Philadelphia, Pennsylvania.

H. J. BURKHART presented the following resolution, which was seconded by J. P. Buckley: That the required Security Companies' bond of $10,000.00 of the Treasurer be subjected to approval of the President and Secretary of the N. D. A., and that they also designate the depository for the funds in the hands of the Treasurer and any that may be received by him, until the next annual meeting. Carried.

DR. CLARENCE V. WATTS, Des Moines, Iowa, was nominated and by ballot unanimously elected Third Vice President, to fill the unexpired term of the late Dr. T. E. Turner, St. Louis, Missouri.

DR. B. L. SHOBE, Tulsa, Oklahoma, was nominated and by ballot unanimously elected Secretary of Section III, to fill the unexpired term of the late Dr. W. Ernest Walker, New Orleans, Louisiana.

DR. CARL D. LUCAS, Indianapolis, Indiana, was unanimously elected a member of the Scientific Foundation and Research Commission to fill the unexpired term of the late Dr. George E. Hunt, Indianapolis, Indiana, providing the Trustees of the N. D. A. have the authority to fill this vacancy.

MOVED by Dr. Burkhart and seconded by Hartzell that the Secretary be given absolute authority as to all details relative to the time of closing of forms, and correction of copy. Carried.

MOVED that Dr. Weston A. Price, Chairman of the Scientific Foundation and Research Commission, be requested, as soon as he shall receive the draft, for the amount turned over to N. D. A. by the Local Committee at Rochester, to at once forward the Secretary an order for the amount due for expenses incurred in the publication and insertion of colored plates, in Vol. I, No. 4, Official Bulletin, in Dr. Hartzell's Research article. Carried.

UPON MOTION made, seconded and duly carried, the Secretary was requested to secure date of election and expiration of term of office of each member on the Research Commission and make a record of same in minutes of this meeting.

In compliance with this motion the Secretary received the following from Dr. Weston A. Price, Chairman of Research Commission:

Weston A. Price '18, 10406 Euclid Avenue, Cleveland, Ohio.

Thomas P. Hinman, Vice President '18, 4th National Bank Building, Atlanta, Georgia.

Clarence J. Grieves, Sec'y-Treas. '18, 201 W. Madison Street, Baltimore, Maryland.

John V. Conzett '18, 256 13th Street, Dubuque, Iowa.

Eugene R. Warner, '18, 401 California Building, Denver, Colorado.

George T. Williams '19, Seattle Washington.

Carl D. Lucas '19, Indianapolis, Indiana.

W. T. Farrar '19, Louisville, Kentucky.

Percy Williams '19, Rutland, Vermont.

Samuel H. McAfee '19, New Orleans, Louisiana.

Edward C. Kirk '17, Philadelphia, Pennsylvania.

William Carr '17, New York City, New York.

Truman W. Brophy '17, Chicago, Illinois.

Greene V. Black '17, Chicago, Illinois.

Homer C. Brown '17, Columbus, Ohio.

Thomas B. Hartzell '16, Minneapolis, Minnesota.

Arthur R. Melendy '16, Knoxville, Tennessee.

Edward S. Gaylord '16, New Haven, Connecticut.

Henry C. Ferris '16, New York City, New York.

Charles Channing Allen, '16, Kansas City, Missouri.

Frank O. Hetrick '15, Ottawa, Kansas.

Marcus L. Ward '15, Ann Arbor, Michigan.

Frank L. Platt '15, San Francisco, California.

Chris S. Van Horn '15, Bloomsburg, Pennsylvania.

Roscoe H. Volland '15, Iowa City, Iowa.

The Third Assistant Postmaster General notified the General Secretary that "The Act of August 24, 1912, limits the circulation of publications in which miscellaneous advertisements are carried to—copies mailed to such members as pay therefor, either as a part of their dues of assessments, or otherwise, not less than fifty per centum of the regular subscription price; to other bona fide subscribers; to exchanges, and ten per centum of such circulation as sample copies, and that if it is desired to continue the carrying of miscellaneous advertisements it will be necessary for us to establish that the circulation meets the foregoing requirements."

VOTED THAT "Of the $1.00 annual membership dues, $.50 shall be for a year's subscription to 'The Journal of the National Dental Association.'"

Adjourned.

First Session of the Board of Trustees.

The first session of the Board of Trustees was held in the Army Room of the Municipal Auditorium, at San Francisco, Cal., at 4:00 P. M., August 31, 1915.

The roll call showed all members present, except Dr. Walter E. Boardman, Boston, Mass.

The minutes of the Ad Interim Committee, and the Board of Trustees meeting were read and approved.

THE GENERAL SECRETARY, Dr. Otto U. King, submitted his financial report and vouchers Nos. 49 to 93.

IT WAS VOTED that the General Secretary's financial report be received and approved, and bills allowed. (Report on page 402.)

THE SECRETARY, in the absence of Dr. Arthur R. Melendy, read the Treasurer's report, which was received and referred to the Auditing Committee. (Report on page 408.)

UPON MOTION of Dr. Hinman, which was duly seconded and carried, the President of the National Dental Association was instructed and authorized to employ a certified public accountant to audit the books of the Secretary and Treasurer, at least thirty days prior to the annual meeting, and that this report be presented and submitted to the Board of Trustees of this Association at its first session.

The members of the Judicial Council were nominated as follows: J. R. Calla-

han, Cincinnati, Ohio; R. Ottolengui, New York City; Victor H. Jones, Bethlehem, Pa.; T. L. Grisamore, Chicago, Illinois, and Wm. F. Sharp, San Francisco, Cal.

DR. FRED W. GETHRO, Chicago, of the Dental Educational Committee was nominated for re-appointment to serve five years.

On the Dental Legislative Committee, Dr. Charles R. E. Koch, Chicago, Illinois, was nominated for re-appointment for five years.

On the Committee on Transportation and Place of Session, the following were nominated as members of this Committee: D. C. Bacon, Chicago, Illinois; Max M. Eble, Louisville, Ky.; Roscoe A. Day, Oakland, Calif.; Howard S. Seip, Allentown, Pa., and Joseph D. Eby, Atlanta, Ga.

On the Research Commission, it was moved that the action of the Board of Trustees be confirmed in recommending that Dr. Carl D. Lucas, Indianapolis, succeed the late Dr. George E. Hunt and Dr. Arthur D. Black, Chicago, succeed the late Dr. G. V. Black. The rest of the Committee to serve for five years are Frank O. Hetrick, Ottawa, Kansas; Marcus L. Ward, Ann Arbor, Mich.; Frank L. Platt, San Francisco, Norman I. Broomell, Philadelphia, and R. H. Voland, Iowa City, Iowa.

IT WAS VOTED that the Journal Committee consist of W. H. G. Logan, Otto U. King, and Herbert L. Wheeler.

National Relief Committee, Edward S. Gaylord, L. G. Noel and William T. Chambers, James McMamus.

DR. KING stated that he had one hundred and sixteen copies of the 1911 Proceedings; one hundred and fifty of 1912, and five hundred and twenty-two of 1913.

IT WAS VOTED that the Secretary be instructed to keep permanently twenty-five copies of each issue of the Journal of Transactions of the National Dental Association, and that of those copies on hand in his office in excess of this number, already published, he be requested to place a notice in the Dental journals that these copies may be had on request if money is enclosed to prepay the postage.

Federation Dentaire International Delegates. Truman W. Brophy, Burton Lee Thorpe, William Carr, S. H. Guilford, Waldo E. Boardman. The same members will serve until 1919.

ADJOURNED.

Second Meeting of the Board of Trustees, September 1, 1915, in Municipal Auditorium.

The meeting was called to order by the President at 4:30 P. M.

There were present Drs. Gallie, Burkhart, Hartzell, Buckley, Grieves, Wherry, White and King.

IT WAS MOVED by Dr. Burkhart and seconded that Dr. Arthur D. Black be recommended as successor to his father as a member of the Research Commission. Carried.

DR. HARTZELL moved to recommend that the Committee on Relief Fund be continued and that the plan outlined by Dr. Gaylord be accepted and authorized. Seconded and carried.

DR. BUCKLEY moved to recommend the continuation of the Committee on Oral and Dental Hygiene, this committee to consist of Charles H. Oakman, Detroit, Mich.; L. D. Mitchell, Oklahoma City; B. S. Hurt, Rochester, N. Y.; H. F. Hoffman, Denver, Colorado, and J. D. Patterson, Kansas City.

MOTION seconded by Dr. Burkhart and carried.

IT WAS MOVED to recommend that the Committee on Dental Museum be continued, and the Committee consist of the following members: G. W. Boynton, Chairman, Washington, D. C.; Thomas L. Rust, Vice-Chairman, Washington, D. C.; C. A. Hawley, Secretary, Washington, D. C.; Chester B. Reed, Topeka, Kansas; William O. Hulick, Cincinnati, Ohio; Henry W. Morgan, Nashville, Tenn; C. V. Vignes, New Orleans, La.; and Thomas E. Purcell, Kansas City, Missouri. Seconded and carried.

DR. BURKHART moved to recommend that the Representatives on Educational Council of America be reappointed as the Committee now stands. Seconded and carried.

VOTED THAT one hundred dollars be appropriated for the use of this Council.

DR. GRIEVES moved to recommend that the Committee on Public Health. Pharmacoepial and Law be discontinued. Seconded and carried.

DR. BUCKLEY moved to recommend that Dr. Arthur R. Melendy, of Knoxville, Tennessee, be re-elected as Treasurer. Seconded and carried.

MR. W. L. SMITH appeared before the Board of Trustees in reference to the Oral Hygiene movement or Welfare Association.

ADJOURNED.

Third Meeting of the Board of Trustees.

The Board of Trustees met September 2nd, 1915, at 4:30 P. M., and was called to order by President Hinman.

There were present Drs. Buckley, Hinman, Burkhart, Grieves, King, Hartzell, Ward and White.

The Minutes of the previous meeting were read and approved.

DR. BURKHART moved to recommend to the House of Delegates an appropriation of $200.00 for the Representatives on Educational Council of America. Seconded and carried.

DR. GRIEVES nominated Dr. Arthur R. Melendy, of Knoxville, Tennessee, for President. Seconded and carried.

DR. BURKHART moved that the General Secretary, Dr. King, be paid an increase of salary, for this year of $300.00, and all other salaries to remain the same. Seconded by Dr. Ward and carried.

DR. BURKHART moved, and Dr. Buckley seconded, that the Association meet July 25, 26, 27, and 28, 1916. Carried.

IT WAS VOTED that the President be empowered to appoint the Local Committee of Arrangements.

DR. HARTZELL moved that the Ad Interim Committee be reappointed. Seconded by Dr. Grieves and carried.

With reference to the oral hygiene or welfare movement suggested by Linn Smith, Dr. Burkhart moved that the Secretary be directed to inform Mr. Smith that the Board of Trustees has not had an opportunity to fully consider the matter, but would do so at the earliest convenience and inform him of the conclusions reached by the Board. Seconded and carried.

The Secretary called attention to the appointment of a Committee to prepare Resolutions in tablets for the Forsyth Bros., and Mr. Eastman.

DR. BURKHART moved that the appointment of this Committee be left with the President.

THE PRESIDENT appointed on the Forsyth & Eastman Tablet Committee, Drs. Harold DeW. Cross, Wm. W. Belcher, Lewis E. Ford, B. Frank Gray, C. N. Johnson, C. S. Tuller and C. B. Gifford.

PRESIDENT HINMAN offered his resignation as a member of the Fourth District, in view of the fact that he had been elected President.

DR. BURKHART moved that the resignation be accepted. Seconded and carried.

DR. BUCKLEY moved that Dr. L. P. Dotterer, Charleston, S. C., be elected to fill the unexpired term of the Trustee from the Fourth District. Seconded and carried.

A representative of the Military Dental Surgeons appeared before the Board of Trustees and stated that the Association of Military Dental Surgeons wanted to contribute funds to the National Dental Association to be used by the Legislative Committee of the National Dental Association.

DR. KING moved that the Board of Trustees accept this generous offer. Seconded and carried.

IT WAS MOVED that Dr. Wm. Crenshaw be paid a balance of $25.00 for expenses incurred as a member of the Legislative Committee. Seconded and carried.

The Secretary stated that he would like to have the Minutes show that an Auditing Committee consisting of Drs. Wherry and White was appointed to examine the accounts of the Secretary and Treasurer, and it was so ordered.

ADJOURNED.

NATIONAL DENTAL ASSOCIATION---SECRETARY'S CASH BOOK.

RECEIPTS AND DISBURSEMENTS.

January 1, 1915, to August 2, 1915.

Receipts.

Current Dues	$13676 00	
Back Bues	450 00	
Subscription to The Journal and Labor	59 60	
National Relief Fund	246 44	
Advertisers	1475 00	
Total		$15907 04

Condensed Remittance to Treasurer.

Dues, Subscription to The Journal and Labor	$14185 60	
National Relief Fund	246 44	
Advertisers	1475 00	
Total		$15907 04

Disbursements.

(As per expenditure orders 49 to 93 inclusive).

President's Office	$ 145 00	
Secretary's Office	1346 12	
Treasurer's Office and Committees	341 85	
Printing	1600 28	
Postage	1010 68	
Bulletins	3079 90	
Journal	3507 75	
Fixtures	519 28	
Miscellaneous, Labor, Rent, Supplies and Freight	1806 57	
Total		$13357 43

ITEMIZED RECEIPTS FOR DUES.

Alabama	$ 117 00	National Capitol	33 00
Alaska Territory		Nebraska	343 00
Arizona	25 00	Nevada	
Arkansas	86 00	New Hampshire	12 00
California, State	452 00	New Jersey	391 00
California Southern	210 00	New Mexico	29 00
Colorado	154 00	New York	1247 00
Connecticut	81 00	North Carolina	123 00
Delaware		North Dakota	116 00
Department of the Interior	1 00	Ohio	1234 00
District of Columbia	101 00	Oklahoma	229 00
Florida	79 00	Oregon	113 00
Foreign Members	5 00	Pennsylvania	628 00
Georgia	183 00	Phillipine Islands	2 00
Hawaiian Islands	19 00	Rhode Island	127 00
Idaho		South Carolina	99 00
Illinois	1699 00	South Dakota	1 00
Indiana	644 00	Tennessee	137 00
Iowa	617 00	Texas	308 00
Kansas	334 00	Utah	65 00
Kentucky	161 00	Vermont	
Louisiana	86 00	Virginia	143 00
Maine	134 00	Washington	210 00
Maryland	236 00	West Virginia	119 00
Massachusetts	595 00	Wisconsin	382 00
Michigan	656 00	Wyoming	29 00
Minnesota	490 00	U. S. Army	9 00
Missouri	604 00	U. S. Navy	3 00
Mississippi	118 00	Porto Rico	44 00
Montana	63 00	Total	$14126 00

ITEMIZED REMITTANCE TO TREASURER.

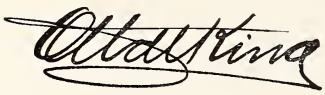
January 1, 1915	108 00	June 18, 1915	210 00
January 6, 1915	2000 00	June 18, 1915	745 00
January 6, 1915	7 00	June 21, 1915	100 00
February 4, 1915	250 00	July 2, 1915	100 00
March 5, 1915	300 00	July 3, 1915	110 00
March 6, 1915	100 00	July 7, 1915	115 00
March 12, 1915	1200 00	July 8, 1915	125 00
March 16, 1915	100 00	July 9, 1915	200 00
March 18, 1915	300 00	July 10, 1915	500 00
March 17, 1915	17 00	July 17, 1915	235 44
April 15, 1915	250 00	July 17, 1915	310 00
April 22, 1915	500 00	July 19, 1915	825 00
April 26, 1915	1 00	July 20, 1915	100 00
April 29, 1915	200 00	July 23, 1915	305 00
April 29, 1915	150 00	July 24, 1915	130 00
May 13, 1915	400 00	July 26, 1915	1800 00
May 21, 1915	150 00	July 27, 1915	200 00
May 24, 1915	600 00	July 28, 1915	210 00
May 26, 1915	200 00	July 30, 1915	75 00
June 1, 1915	200 00	July 31, 1915	250 00
June 1, 1915	10 00	July 31, 1915	11 50
June 5, 1915	600 00	August 2, 1915	228 00
June 9, 1915	125 00	August 2, 1915	428 10
June 14, 1915	400 00	August 9, 1915	1 00
June 15, 1915	425 00	Total	$15907 04

To the Board of Trustees of the National Dental Association:

State of Indiana, Huntington County, SS.

I, Otto U. King, being duly sworn upon oath, deposes and says that I am the legally elected and duly qualified Secretary of the "National Dental Association," and that as such affiant says that the above report is a true and correct statement of the affairs of said association as shown by said records, had under this affiant's administration in said office.

Further this affiant sayeth not.



Subscribed and sworn to before me this 14th day of August, 1915.

(Seal) EMMETT O. KING,
Notary Public.

My commission expires May 9, 1917.

To the Board of Trustees of the National Dental Association:

Dear Sirs:—

This is to certify that I have audited and approved the Secretary's books and vouchers of the National Dental Association.

HARRY O. DUNGAN,
Assistant Cashier,
Citizens' State Bank,
Huntington, Ind.

Approved August 16, 1915.

ITEMIZED STATEMENT OF DISBURSEMENTS.

January 1 to August 2, 1915.

Jan. 7—ORDER NO 49, WHITELOCK PRESS:			
	Membership Cards for the various states	$ 283.30	
	Telephone, Repair to Seal, ½ Ream of Paper	4.10	
	Express on Programs to Rochester	26.73	
	5000 Labels	9.50	
	600 Receipts, 1000 Letter Heads, 500 Envelopes	10.75	
	President's Cut and one Electro	3.55	
	4 Colored Plates	172.00	
	4 Colored Electros	27.50	
	Cuts in October Bulletin	93.77	
	2 Electros, 2 sets of Covers	6.50	
	Cuts for Oakman's paper	12.60	
	2000 No. 8 Envelopes, 1000 Envelopes, 1000 Blank Sheets, Postage	4.47	
	11 Reams of Wrapping Paper	20.75	
	3 Rubber Stamps, Twine, Express	3.90	
	1000 Letter Heads	5.00	
	Drayage and Twine	1.40	
	5000 Application Blanks	7.00	
	2000 Sheets R. R. Manila, Postage, Express, 1000 information Slips, Expense on Cover for 1915	6.85	
	Postage on Bulletin	34.38	
			$ 734.05
Jan. 16—ORDER NO. 50, A. C. BECHSTEIN, for Office Supplies			33.65
Jan. 29—ORDER NO. 51, WHITELOCK PRESS, on October issue of Official Bulletin			565.00
Jan. 31—ORDER NO. 52, OTTO U. KING, general secretary's and stenographer's salary			160.00

Feb. 2	ORDER NO. 53, H. J. BURKHART, expenses incurred attending Ad Interim Committee meeting, Ann Arbor, Michigan		31.90
Feb. 6	ORDER NO. 54, WABASH CABINET CO., 1 Special Filing Cabinet		45.05
Feb. 6	ORDER NO. 55, ADDRESSOGRAPH CO., repairs for machine		1.02
Feb. 8	ORDER NO. 56—OTTO U. KING, general secretary's expense account:		
	Stamps	182.29	
	Express, Freight, and Telegraph	11.94	
	Labor, Rent, Supplies, Electricity	253.75	
	Miscellaneous	28.04	
			476.02
Feb. 6	ORDER NO. 57, CLINTON G. FISH, 3 Sketches for The Journal and Zinc Etchings		19.90
Feb. 6	ORDER NO. 58—Huntington News Agency, Book Cases for Journal Files		57.20
Mar. 5	ORDER NO. 59, M. B. STULTS FURNITURE CO., Office Desk, Chairs, and Sectional Book Cases		187.09
Feb. 27	ORDER NO. 60—OTTO U. KING, general secretary's and stenographer's salary		160.00
Feb. 27	ORDER NO. 61, BURTON LEE THORPE, expenses incurred attending Journal Committee meeting in Chicago		21.50
Feb. 27	ORDER NO. 62—HERBERT L. WHEELER, expenses incurred attending Legislative Committee meeting in Washington, D. C.	23.80	
	Attending Legislative Committee meeting in Chicago	12.00	
			35.80
Feb. 27	ORDER NO. 63, OTTO U. KING, general secretary's expense account:		
	Stamps	128.12	
	Freight, Telegraph and Express	16.04	
	Labor, Supplies, Electricity	287.44	
	Miscellaneous	18.18	
			449.78
Mch. 1	ORDER NO. 64, H. J. Burkhart, expenses incurred attending Board meetings in Chicago (Election of Treasurer)		40.50
Mch. 6	ORDER NO. 65, WHITELOCK PRESS, on Bulletin account		600.00
Mch. 15	ORDER NO. 66, EDWARD S. GAYLORD, expenses incurred attending meeting with Ad Interim Committee in Ann Arbor, Mich., in behalf of National Relief Committee's work		48.23
Mch. 16	ORDER NO. 67, ADDRESSOGRAPH CO., Supplies		24.98
Mch. 27	ORDER NO. 68, OTTO U. KING, general secretary's and stenographer's salary		160.00
Mch. 27	ORDER NO. 69, WHITELOCK PRESS, on October issue of Official Bulletin		895.00
Mch. 27	ORDER NO. 70—CLINTON G. FISH, new drawings and etchings, and zinc plates, etc		20.00
Mch. 27	ORDER NO. 71—C. L. RICKETTS, 15250 Certificates	423.95	
	15250 Mailing Tubes, etc	62.00	
		$ 485.95	
	Less 5 %	24.30	
			461.65

Mch. 27—ORDER NO. 72, DONALD M. GALLIE, president's official expense, incurred attending Ann Arbor meeting, etc.		65.00
Apr. 20—ORDER NO. 73, FIDELITY AND DEPOSIT CO., New Treasurer's bond		16.33
Apr. 27—ORDER NO. 74, OTTO U. KING, general secretary's and stenographer's salary		160.00
May 1—ORDER NO. 75, COLUMBIA GRAPHOPHONE CO.		187.50
May 3—ORDER NO. 76, ADDRESSOGRAPH CO.,		1.43
May 14—ORDER NO. 77, THE MUGLER ENGRAVING CO., half-tones, (Research department)		17.75
May 27—ORDER NO. 78, OTTO U. KING, general secretary's and stenographer's salary		160.00
May 31—ORDER NO. 79, WHITELOCK PRESS, balance due October Bulletin		1000.00
June 28—ORDER NO. 80, COLUMBIA GRAPHOPHONE COMPANY, balance due on Universal Shaver		13.00
June 10—ORDER NO. 81, HOMER C. BROWN, expenses as Chairman of Legislative Committee, car fare, hotel expense, etc., trip to Washington, D. C.		63.96
June 10—ORDER NO. 82, C. B. GIFFORD, expense as member of Legislative Committee, car fare, hotel bill, telephone, telegraph, trip to Washington, D. C.		23.63
June 10—ORDER NO. 83, OTTO U. KING, general secretary's and stenographer's salary		160.00
July 5—ORDER NO. 84, ADDRESSOGRAPH CO., oil, ink, postage		2.01
July 10—ORDER NO. 85, OTTO U. KING, general secretary's and stenographer's salary		160.00
July 12, ORDER NO. 86, WHITELOCK PRESS, 20 M Journals 96 pages, colored insert, insert 4 pages, Transportation Committee Report		1835.00
July 22—ORDER NO. 87, LOUIS TRIXLER, Postmaster, Huntington, Indiana, Postage deposit on August Journal		135.00
July 28—ORDER NO. 88, OTTO U. KING, general secretary's expense account:		
Stamps and Postage on the March and May Journals.	$ 530.89	
Supplies, Labor and Electricity	1051.06	
Freight, Telegram, Drayage, Express and Telephone	38.14	
Rent and Miscellaneous	133.55	
		1754.54
July 28—ORDER NO. 89, WHITELOCK PRESS, 16,300 May Journals, 128 pages		1635.00
July 28—ORDER NO. 90, OTTO U. KING, general secretary's and stenographer's salary		160.00
July 30—ORDER NO. 91, A. R. MELENDY, treasurer's salary		60.00
July 30—ORDER NO. 92, DON. M. GALLIE, president's office expense		80.00

Aug. 2—ORDER NO. 93, WHITELOCK PRESS:

350 Announcements	$ 18.00	
500 Stamped Envelopes	1.50	
Cut	2.50	
500 Letter Heads	5.75	
500 Rate Cards	8.50	
Envelopes	1.50	
1850 Membership Cards (Ohio)	20.00	
250 Contracts	3.00	
1000 Envelopes	1.60	
40,000 Envelopes	100.34	
Ohio Receipts	4.00	
5000 Letter Heads	33.25	
300 Rate Cards	5.75	
5000 Letter Heads	25.25	
1500 Envelopes	7.25	
Membership Cards	2.25	
Membership Cards	2.00	
Membership Cards (Mississippi)	3.70	
Membership Cards (Nebraska)	4.20	
500 Envelopes	1.50	
500 Envelopes	2.00	
2 Quarts Paste	.60	
14 Sheets Board	.35	
500 Bill Heads	2.40	
500 Receipts	3.50	
1000 Envelopes	1.50	
1000 Labels	2.00	
200 Application Blanks	3.50	
400 Certificates	2.15	
3 Quarts Paste	.75	
200 Certificates	1.00	
200 Certificates	1.00	
Cut (Bloodgood)	32.00	
Cut (Bloodgood)	1.55	
Cut (Cover Page)	3.00	
Cut (Bloodgood)	4.60	
Cut	18.25	
Cut	4.37	
Cut (Signature)	1.45	
Cut	19.50	
Cut (D. J.)	5.25	
Cut	2.95	
Cut (Hartzell)	34.75	
Cuts	20.50	
Cut	1.30	
Cuts	2.75	
Hauling Mail	3.75	
Hauling Mail	3.60	
Drayage	2.80	
Express	.50	
Express	4.50	
		438.96
Total		$13,357.43

REPORT OF THE TREASURER OF THE NATIONAL DENTAL ASSOCIATION.

1914

Receipts July 1, 1914, to Jan. 1, 1915.

July 2,	Balance in Centennial National Bank, Philadelphia	$2807 14
July 6,	Otto U. King, Sec'y	1585 17
July 7,	Otto U. King, Sec'y	970 03
Sept. 7,	Otto U. King, Sec'y	1400 00
Sept. 7,	L. M. Weaver, dues 1913	5 00
July 7,	Ellen R. Carr, dues 1912, 1913	10 00
Oct. 1,	W. P. Smith, dues	5 00
Oct. 1,	Otto U. King, Sec'y, $1.70 returned on Bond, $24.00 dues	25 70
Oct. 16,	Otto U. King, Sec'y	900 00
Nov. 5,	Otto U. King, Sec'y	812 30
Nov. 25,	Otto U. King, Sec'y	4 00
Nov. 18,	Dr. ——— Winker, dues 1912 and 1913	10 00
Dec. 1,	Otto U. King, Sec'y, $24.00, $7.00, $10.00	41 00
Dec. 3,	Otto U. King, Sec'y	25 00
Dec. 12,	R. H. Jones, Winston Salem, N. C., dues 1913	3 00
Dec. 14,	Robt. T. Oliver, U. S. A., dues 1913	5 00
Dec. 14,	Otto U. King, Sec'y	59 00
Dec. 26,	Otto U. King, Sec'y	68 00
July 7,	Southern Br. dues	7 00
Aug. 14,	Check	190 00
	Receipts to Jan. 1, 1915	$8932 34
	Disbursements to Jan. 1, 1915	7852 69
	Balance Dec. 31, 1914	$1079 65

Disbursements July 1, 1914, to Jan. 1, 1915.

Voucher Number			
	July 10,	Burton Lee Thorpe	$ 53 04
	July 10,	Homer C. Brown	303 28
	July 27,	Homer C. Brown	50 20
20	July 27,	Otto U. King, Sec'y	1200 00
27	July 27,	Whitelock Press	1681 73
23	July 27,	Otto U. King, Sec'y	50 00
23	July 27,	C. P. Laurence	3 20
24	July 27,	J. V. Conzett,	177 31
26	July 27,	H. B. McFadden	24 73
28	July 27,	H. B. McFadden	200 00
31	July 27,	Jos. C. Bloodgood	29 25
32	July 27,	Edgar M. Carson	7 00
33	July 27,	Gerald G. Burns	30 53
34	July 27,	Central Law Reporting Co.	250 00
25	Aug. 6,	S. S. White Dental Mfg. Co.	462 43
36	Aug. 6,	Victor C. Vaughn	25 00
35	Aug. 6,	Wm. Crenshaw	304 10
37	Sept. 5,	Carl D. Lucas	13 57
38	Sept. 5,	Arthur D. Black	10 00
22	Sept. 11,	Otto U. King, Sec'y	1059 70
40	Sept. 11,	Otto U. King, Sec'y	320 00
43	Nov. 6,	Clinton G. Fish	58 00
42	Nov. 2,	Otto U. King, Sec'y	829 62
41	Nov. 2,	Otto U. King, Sec'y	320 00
39	July 10,	Fidelity & Deposit Co., Md.	40 00
44	Dec. 1,	Otto U. King, Sec'y	160 00
	Aug. 8,	Lincoln Bank, Rochester, N. Y.	190 00
	Disbursements to Jan. 1, '15		$7852 69

Receipts for January, 1915.

1915		
	Balance on hand Jan. 1, 1915	$1079 65
	Jan. 2, Otto U. King, Sec'y	398 63
	Jan. 8, Otto U. King, Sec'y	2007 00
	Total	$3485 28

Disbursements for January, 1915.

1915			
45	Jan. 4,	R. L. Polk Co	5 00
46	Jan. 4,	Otto U. King, Sec'y	160 00
47	Jan. 4,	Otto U. King, Sec'y	449 23
48	Jan. 9,	Henry L. Banzshaf	200 00
49	Jan. 11,	The Whitelock Press	734 05
50	Jan. 22,	A. C. Bechstein	33 65
51	Jan. 27,	The Whitelock Press	565 00
		Total	$2146 93
	Receipts 1915, before Dr. McFadden's death		$3485 28
	Disbursements 1915, before Dr. McFadden's death		$2146 93
	Balance on hand		$1338 35

Receipts by Present Treasurer to Aug. 10, 1915.

1915		
	Bal. in Centennial Nat'l Bank at Dr. H. B. McFadden's death	$1338 35
Mar. 11 to Aug. 10,	Otto U. King, Sec'y.	$13552 60
	Total	$14890 95

Disbursements.

Voucher Number	1915	
52	Jan. 31, Otto U. King, Sec'y....	$ 160 00
53	Feb. 2, H. J. Burkhart.....	31 90
54	Feb. 6, Wabash Cabinet Co.....	45 05
55	Feb. 6, Addressograph Co.	1 02
56	Feb. 8, Otto U. King, Sec'y.....	476 02
57	Feb. 6, Clinton G. Fish.....	19 90
58	Feb. 6, Huntington News Agency	57 20
59	Mch. 1, M. B. Stults Co.....	187 09
60	Feb. 28, Otto U. King, Sec'y....	160 00
61	Feb. 27, Burton Lee Thorpe....	21 50
62	Feb. 27, Herbert Wheeler.....	35 80
63	Mch. 8, Otto U. King.....	449 78
64	Mch. 1, H. J. Burkhart.....	40 50
65	Mch. 6, Whitelock Press.....	600 00
66	Mch. 15, Edward S. Gaylord.....	48 23
67	Mch. 16, Addressograph Co.....	24 98
68	Mch. 27, Otto U. King, Sec'y....	160 00
72	Mch. 27, Don. M. Gallie.....	65 00
73	Apr. 20, Connally & Schwafler..	16 33
74	May 15, Otto U. King, Sec'y....	160 00
76	May 15, Addressograph Co.....	1.43
77	May 24, The Mugler Engraving Co.	17 75
70	May 24, Clinton G. Fish.....	20 00
69	May 26, Whitelock Press	895 00
78	June 3, Otto U. King, Sec'y....	160 00
79	June 7, Whitelock Press.....	1000 00
71	June 16, C. L. Ricketts.....	461 65
75	June 16, Columbia Graphophone Co.	187 50
81	June 16, Homer C. Brown.....	63 96
82	June 16, C. B. Gifford.....	23 63
83	June 16, Otto U. King, Sec'y....	160 00
80	June 30, Columbia Graphophone Co.	13 00
84	July 12, Addressograph Co.....	2 01
85	July 12, Otto U. King, Sec'y....	160 00
86	July 15, Whitelock Press.....	1835 00
87	July 23, Louis Trixler, Post Master, Huntington, Ind.....	135 00
88	July 28, Otto U. King, Sec'y....	1754 54
90	July 30, Otto U. King, Sec'y....	160 00
91	July 30, A. R. Melendy.....	60 00
92	July 31, Don M. Gallie.....	80 00
89	Aug. 5, Whitelock Press.....	1635 00
93	Aug. 7, Whitelock Press.....	438 96
	Total	$12,024 73

Receipts by present Treasurer to Aug. 10, 1915.....	$14890 95
Disbursements	12024 73
Balance on hand.....	$ 2866 22

Special Funds.

National Relief Funds on deposit @ 4 per cent Compounded Semi-Annually in Lincoln National Bank, Rochester, N. Y.....	$ 5521 31
National Relief Fund on deposit @ 4 per cent, Compounded Semi-Annually in Holston National Bank, Knoxville, Tenn.....	5572 71
Total Relief Fund	$11094 02

Journal Fund.

Journal Fund on deposit @ 4 per cent. Compounded Semi-Annually in Holston National Bank, Knoxville, Tenn.....	$ 1605 13

State of Tennessee,
Knox County.

I, A. R. Melendy, make oath in due form of law, that I am the legally elected and qualified Treasurer of the "National Dental Association," and that as such I succeeded to the financial books and records of the former Treasurer, H. B. McFadden, in February, 1915; and I further make oath that the above "Report" is a true and correct statement of the financial affairs of said Association as shown by said records, had under the administration of Dr. McFadden; and I further make oath that the said report is a correct record of all financial transactions of said Association had since I became Treasurer, and as shown by said books and records.

A. R. MELENDY,
Treasurer.

Subscribed and sworn to before me, this 9th day of August, 1915.

(Seal) JOHN W. HUDSON,
Notary Public.

THE JOURNAL
of the
NATIONAL DENTAL
ASSOCIATION

Entered as second-class matter, March 22, 1915, at the Post Office at Huntington, Indiana, under the Act of August 24, 1912. Published Quarterly.

All contributions and correspondence should be addressed to the General Secretary,
OTTO U. KING, D. D. S.,
Huntington, Indiana.

Subscription to The Journal of the National Dental Association included in the annual dues.
Subscription Price, for 1915, to non-members, living in all parts of United States, Hawaiian Islands, the Philippines, Guam, Porto Rico, Cuba, Canal Zone and Mexico, $1.00. Canada, $1.10. To other foreign countries, $1.40.
The editor and publishers are not responsible for the views of authors expressed in these pages.

VOL. 2 NOVEMBER, 1915 No. 4

EDITORIAL

To the Members of the National Dental Association:

Greeting:

What are you doing to advance the interests of the National Dental Association? At the present time, we have fifteen thousand members. Our slogan for 1916 is "Twenty Thousand." If every member will do his part and go to work at once to secure one new member, our goal will be more than reached at our Louisville meeting. I am sure you know of some member of the dental profession who is a most excellent fellow, and yet not a member of his state organization. Go to him at once and secure his membership. This will automatically make him a member of the National.

If we have twenty thousand members by the time of the Louisville meeting, our future is assured and a monthly Journal can be established. We are very anxious to build up the advertising columns of the Journal so as to place it on a self sustaining basis. To do this, we will have to prove to the advertiser that he is getting value received for his money, and if every member who writes to a Journal advertiser will mention the fact that he saw the advertisement in The Journal of the National Dental Association, it will be a great help

TRANSACTIONS

OF THE

NATIONAL DENTAL ASSOCIATION

at the

TWENTIETH ANNUAL MEETING

Louisville, Kentucky

July, 1916

These transactions were never published separately but appeared in the Nov., 1916 number of the Journal of the National Dental Association.

ANNUAL ADDRESS OF THE PRESIDENT OF THE NATIONAL DENTAL ASSOCIATION.

By Thomas P. Hinman, D. D. S., President.

To the Members of the National Dental Association:

IT IS a privilege indeed to gather together once more from the East, North, South and West to discuss problems for our future welfare. The year just past is a memorable one in our Association work. We have, with your co-operation, accomplished many things for the betterment of our beloved profession.

No single man can make a success of a meeting of this character; therefore, at this time, I wish to thank the members of the Association, the various chairmen of the sections and also the chairmen of the committees for their loyal support which has resulted in bringing about this splendid gathering. I am sure that neither the literary nor clinical program has ever been surpassed in any meeting held in the United States. We are particularly fortunate in having this wonderful theatre, with its artificial system of cooling and superb acoustic properties, in which to hold our general sessions.

It is extremely gratifying to me at this time to pay a tribute to our General Secretary, Dr. Otto U. King. It has been a great pleasure to work with him and it is only just that I say the major part of the work has been made easy thru his competent assistance and valuable suggestions. He is a man of exceptional business ability and it is due to his careful handling of our funds that we are enabled to make such an excellent financial statement.

Your special attention is called to some of the innovations made in the carrying out of our program. The general sessions will be held at night, starting promptly at eight o'clock and closing at ten. The subjects will be presented in the form of symposiums, each symposium lasting one hour, only two being presented in an evening. Each symposium will be offered by a separate section, three essayists to each symposium. These essayists will present the subject matter from their standpoint and there will be no discussion.

I want, at this time, to thank Dr. William H. G. Logan for the most excellent clinical program he is offering. For the first time in a meeting of the National Association, we are to have a clinical lecture program which will be offered on Wednesday afternoon in this theatre, starting promptly at one-thirty. Some of these clinical lectures will be illustrated with moving pictures and thruout the program you will find the clinical films are being used extensively.

This form of teaching is becoming more popular and is a most excellent method of imparting knowledge and technic. A corporation in New York, known as the Clinical Film Company, is accumulating a library of teaching films which will be rented to societies and colleges. These films are carefully censored by Boards of eminent men in the localities where they are produced and are finally passed on by a National Board of Censors. I believe this is an epoch-making advance

and that clinical films will soon assume their proper place in our teaching system.

As president of this great organization, it is my pleasure and privilege to call your attention to steps taken during the past year for the advancement of the profession as well as to recommend to you certain measures which would seem to point to still greater progress.

INTER-RELATION BETWEEN ORAL INFECTIONS AND HEALTH.

During the year just past, there has been a wide-spread interest on the part of the medical profession, as well as the laity, on the relation of oral infections to systemic disease and it is exceedingly gratifying that the intelligent members of the medical profession have co-operated with the dentists in the proper handling of such cases. There have been a few sporadic cases where some members of the medical profession have made demands on the dentists to perform operations for patients that were not indicated in the judgment of the dentist and some friction has arisen. However, I am glad to say that in a majority of cases there has been a hearty co-operation between the medical profession and the dentists. No doubt a great many of the periapical cases have been due to careless handling of pulpless teeth by dentists but they have been misled by advertisements of nostrum cure-alls for treating and filling root canals and much harm has resulted from the use of such nostrums. The intelligent operator of today does not use things of this character and I believe we are rapidly approaching standard methods in the treatment and filling of root canals. Splendid work along the lines of standardization has been done by Callahan, Rhein, Best, Ottolengui, Price and many others and it is to these men we must look for safe, sound and satisfactory methods of filling root canals. Our Research Institute has been working along the lines of ionization and will make report of their findings at this meeting. This work was done in our new Research Building and will be reported by Dr. Weston A. Price.

It is very gratifying to note the thirst for accurate knowledge on the part of our profession and the sacrifices willingly made to obtain it. This was particularly demonstrated at the Tri-State meeting of Kansas, Oklahoma and Missouri Societies held in Kansas City last March. At that time, over a thousand dentists from fifteen different states spent one week listening to lectures by specially selected men, every one attending this series of lectures paying an extra five dollar fee. I have rarely seen a gathering of men who were so intensely interested searching for truth and I believe this meeting will go down in history as the greatest of its character ever held. Post graduate form of meeting is gaining in popularity and I wish to record the fact that it was originated in Oklahoma by Dr. B. L. Shobe. The old style meeting to which dentists went for pleasure jaunts are rapidly disappearing and the members of the different societies are now found in the meeting halls instead of the lobbies of hotels.

STANDARDIZATION.

I believe we are rapidly approaching a time when a majority of our operations will be standardized, and at this meeting, a paper will be presented by Dr. Forrest H. Orton of St. Paul, Minn., looking to the standardization of crown and bridge work. The day of haphazard methods has passed and the sooner we arrive at definite procedures that can be called, at least, standard, the sooner we will be able to accomplish uniform results. A series of clinical lectures will be given at this meeting looking to the standardization of the therapeutic treatment of the dental pulp, its devitalization, treatment and proper filling of root canals. These lectures will be illustrated by moving picture films and lantern slides

showing the operations from the sterilizing of the hands to the X-Ray picture of the perfectly filled root canal under aseptic conditions.

DENTAL COLLEGES.

A distinct advance in the educational curriculum of our dental colleges is now assured. Beginning in 1917, all of the reputable dental colleges have arranged to operate a four year course of thirty-three weeks in each year. Looking backward over a period of more than twenty-five years of active teaching, it seems to me that the colleges of the United States have made wonderful strides. When I graduated, it required only two years of twenty-four weeks each and the course in instruction did not include practical bacteriology, histology nor pathology, and such a thing as a microscope was unknown in the college. There was no operative nor prosthetic technic taught, but the raw students, many of whom could do little more than read and write and with very little instruction in preliminary requirements of an educational nature, were simply turned loose on the patients in the infirmary. Contrast with this our present status of teaching which requires that an applicant must have a High School diploma, or a teacher's license before he can enter college. He is required to be thoroly grounded in the fundamentals and is not allowed to do practical work until he has had at least one year's training. This seems to me a splendid advance in our teaching and I think the dental colleges are to be congratulated on the work they are doing at the present time.

NATIONAL RELIEF FUND.

Several years ago, Dr. L. G. Noel, of Nashville, Tenn., started a relief fund for indigent members of the profession. At the present time, $12,000.00 has been accumulated to the credit of this fund. A considerable portion of this fund has been raised by the sale of Christmas seals. It is the plan of the Relief Fund Committee to raise at least $50,000.00 before any money is expended. The committee this year has ordered two million seals and every member of the National Dental Association, or friend of this cause, will be supplied with a dollar package on or before December 10th. These seals will arrive when the Christmas spirit of giving should be on us, therefore, I request that when they come, you send your check for $1.00 to the General Secretary of the National Dental Association. This one dollar, thus expended, may help some needy soul,— a member of the profession who has not been so fortunate as you. The members of the Association are also requested to send the names of any friends who perhaps would be interested in this fund to the General Secretary of the National Dental Association and he will be glad to send the seals to them also.

NATIONAL DENTAL JOURNAL.

It is with considerable pride that I point to the excellence of our National Dental Journal. What is now needed to make it self-sustaining is for the National Dental Association to increase its dues one dollar per year so that it can be issued as a monthly instead of a quarterly. As soon as we do this, our advertising rates can be satisfactorily adjusted and in a short time The Journal will be self-sustaining. It was understood, at the time the National Dental Association was organized and the dues fixed at one dollar, that as soon as The Journal could be established on a monthly basis, the dues of the Association would be increased to $2.00. I, therefore, recommend and urge that the House of Delegates authorize such an increase at this meeting.

LEGISLATION.

The Legislative Committee, thru its Chairman, at the proper time, will make a report on the work accomplished and

give the details of the bill that was passed by Congress this year, authorizing one dentist to every one thousand enlisted men and giving these dental surgeons rank up thru Major. In this work, the Legislative Committee was most ably supported and helped by our General Secretary and his office force. It was thru his office that a great deal of the literature and many of the letters were directed to our members. At the present time, there is being introduced into Congress a bill to clarify the dental legislation in the army and navy and it is hoped that soon the dentists will receive the recognition properly due them.

THE RESEARCH INSTITUTE.

On September 25, 1915, at Cleveland, Ohio, the Executive Board of the Scientific Foundation and Research Commission incorporated under the laws of the State of Ohio. This was done under the authority vested in them at the Kansas City meeting of the National Dental Association, as expressed in Section Ten of the Constitution of the National Dental Association. After a thoro investigation of the laws of all the different states, it was found that the laws of Ohio were the most favorable under which to secure a charter. Therefore, acting under the authority vested in them by the National Dental Association, the trustees of the Research Commission proceeded to incorporate under this charter obtained in Ohio, and changed the name of the Scientific Foundation and Research Commission to the Research Institute of the National Dental Association, transferring the properties, etc., held in the name of the Scientific Foundation and Research Commission to this newly chartered institution. There has been an apprehension on the part of some of the members of the profession that there was a tendency to centralize the work of research and to gradually depart from the original plans of the Research Commission. This is not true, as every effort was made in the Constitution and By-Laws of the Research Institute to make the tie between the Institute and the National Dental Association insoluble, and if any one will read the Constitution and By-Laws, he will find that it is impossible for the Research Institute to exist severed from the National Dental Association.

During this year a splendid building was purchased in the city of Cleveland and I would refer you to the May issue of The Journal for a complete description of the building, as well as the opening exercises which were held Feb. 7, 1916. This article was written by our General Secretary, Dr. Otto U. King, and is most excellent. It is a building of which we should all be justly proud, costing originally $75,000.00. The ground on which it is located is worth approximately $45,000.00. It was purchased for $50,000.00. Of this sum, approximately $30,000.00 has been raised. The owner became interested in our work and donated $2,500.00 on the purchase price.

The following is the status of the building fund:

BUILDING FUND REPORT.

May 8, 1916.

	Number of Subscribers	Total Amount of Subscriptions	Total Amount paid to date
Colorado	1	$ 500.00	$ 250.00
Connecticut	1	50.00	50.00
Georgia	2	1425.00	.00
Illinois	5	180.00	155.00
Iowa	7	1525.00	25.00

	Number of Subscribers	Total Amount of Subscriptions	Total Amount Paid to date
Kansas	19	660.00	347.17
Maryland	1	500.00	500.00
Massachusetts	2	110.00	110.00
Michigan	6	100.00	100.00
Minnesota	1	100.00	.00
Missouri	26	672.50	79.00
New Jersey	1	5.00	5.00
New York	4	790.00	755.00
Ohio	210	15010.39	9962.58
Oklahoma	16	410.00	120.00
Pennsylvania	2	200.00	200.00
Odontological Society, W. Pa.		250.00	.00
West Virginia	22	291.00	1.00
		$22278.89	$12659.75
Special Contribution from the Assignor of property		2500.00	2500.00
		$24778.89	$15159.75
Balance to raise		25221.11	
Purchase price of property		$50000.00	

Respectfully submitted,

WESTON A. PRICE, President.

It was absolutely necessary if the Institute expected any endowments, that it should have a fixed place of business where work could be carried on. Men of means do not endow institutions that are apparently transitory in their character and have no fixed place of business. Individuals or institutions contemplating making endowments must be given opportunity to investigate so as to see that the institution is permanent in character. This was the universal opinion of all the authorities consulted on the subject and the men consulted were presidents and managing directors of the foremost endowed institutions of the United States.

The Institute has two forms of members; one, the Commission members, and the other, permanent members. The charter provides that all the members of the Research Commission of the National Dental Association immediately become Commission members of the Institute. The permanent members have been elected from men of prominence in the business, financial and economic world, and are not dentists. These two classes of members constitute the body of the Research Institute, elect the trustees and in every way control the organization.

The Board of Trustees consists of nine members; five of these must be members of the National Dental Association. Thus, you see that a majority of the Board of Trustees who control and manage the Institute must be from the National Dental Association. The laws of the State of Ohio require that the trustees be individually responsible for the debts of the Institute and also require that a majority of the trustees be residents of Ohio. We have been ex-

tremely fortunate in interesting one of the best business men in Cleveland, Mr. E. A. Petrequin, the Treasurer, Mr. Harry A. Crawford, one of the most prominent lawyers in Cleveland, and Dr. George W. Crile, the eminent surgeon. These men, with Weston A. Price, Homer C. Brown, Clarence J. Grieves, Eugene R. Warner, John V. Conzett, and Thomas P. Hinman constitute the Board of Trustees of the Research Institute.

It is believed that our work should be confined more to pathology and histopathological researches. At the present time, we have the following research workers in the field whose work is being partially supported by funds from the Institute: Dr. Marcus A. Ward, University of Michigan, Cements; Dr. Russell H. Bunting, University of Michigan, Saliva; Dr. John R. Callahan, Cincinnati, Root Canal Fillings; Dr. Thos. B. Hartzell, University of Minnesota, Relations of Mouth Infections to Systemic Infections; Dr. Weston A. Price, Cleveland, Ionic Medication Studies; Frederick B. Noyes, Chicago, Peridental Membrane; William J. Gies, Columbia University, The Relation of the Glands of Internal Secretion to Dental Problems; Dr. Percy R. Howe, Forsyth Dental Infirmary, Salivary Deposits; Dr. Frank S. McKay, Colorado Springs, Brown Stain Problems; Dr. F. A. Fahrenwald, Metallurgical Researches.

This is a most interesting array of talent and the work that is being done on the limited income we have is, to my mind, wonderful. There are many other problems that should be handled, and as funds are available, grants will be made by the trustees of the Institute along lines that seem best.

The financial support of the Institute has come from individual members of the dental profession thruout the United States by pledges given on a five year basis. Some of these subscriptions will expire next year and unless they are renewed, the income of the Institute will be greatly curtailed. I hope, at this time, the House of Delegates will evolve some plan whereby the Institute will receive some more permanent form of income. It has been suggested that one dollar per year be added to our dues, this one dollar to be used for the support of the Institute, and eleven of our state associations have already passed resolutions altering their By-Laws and adding one dollar to their dues to be given for the support of the Institute. If we add one dollar for the Journal and one dollar for the Institute, it would make our dues three dollars, two dollars less than the American Medical. This would seem to be the best way of handling the problem; it will place the Institute on a firm foundation and would amount to five per cent. endowment on $400,000.00, if we had twenty-thousand members, and I therefore recommend that this be done.

I believe that this Institute will do more to elevate the profession, to standardize its methods, to make it more fully recognized in the scientific field and to benefit mankind than any institute in the world. Wherever the research work has been presented, there has been a distinct impetus given to the organization of study clubs. Cleveland has already organized six such clubs since the Institute was opened. It is pleasing to state that at the present time it is the only institute of its character in the world, and the grand work it has already done has established a place for it in the realms of science.

The bulk of the load of providing funds for the maintenance, the directing of the researches and the managing of the Institute has devolved upon one man and the load has been more than could possibly be expected of one human being. I wish to pause at this time to pay tribute to the noble character, the unselfish labor, the self-sacrificing spirit of one of the noblest men that God ever created,—Weston A. Price, President of the Research Institute of the National

Dental Association. To those who do not know of his work, I would say it is their loss; to those who know him, he is an inspiration. I doubt if there is another man in any profession who would give of his substance and time and devote himself so completely to the success of this work as Dr. Price has done.

There is needed at this time a competent director to give all of his time to the Institute because Dr. Price must be relieved of some of the work. He accepted the Acting-Directorship under protest and as soon as a man is secured to take charge, he will gladly resign, at the same time, offering his help and cooperation.

ENDOWED INSTITUTIONS.

In the United States at the present time, we have three endowed institutions:—The Thomas W. Evans Dental Institute, Philadelphia, made possible by the provisions of the will of the late Dr. Thomas W. Evans, an eminent American dentist who lived in Paris; The Forsyth Dental Infirmary for children, Boston, made possible by a gift of approximately two million dollars from Mr. James Forsyth; and the Rochester Dental Infirmary, Rochester, N. Y., the most recent one of the three, which has been founded thru the liberality of Mr. George Eastman. This Institute will cost a half million dollars when completed and will have an endowment of $750,000.00. I wish to compliment the foresight of Mr. Eastman in securing the services of our own Dr. Harvey J. Burkhart of Batavia, N. Y., in the capacity of Director. It is said that Rochester was the first city in the world to establish a free dental clinic for the worthy poor and it is a distinct compliment to the dentists of this city that thru them such an institution has been made possible.

ORAL HYGIENISTS.

The oral hygienists or dental nurses have made a distinct place for themselves in our professional work and I am glad to report that several of the states have already provided for the licensing of such individuals, requiring examination and yearly registration. They have become a real necessity and I trust in the near future that all of the states will adopt a law containing this provision.

ORAL HYGIENE.

During the last year, there has been considerable advance in the teaching of Oral Hygiene in the schools. In the light of this, it would seem that the importance of our work is being recognized more fully than ever before. However, there has not been adopted any standard method of teaching this particular form of preventive medicine. There should be written some small, standard text book on this subject, simple in language and adapted particularly to the graded schools, and recommended by the National Dental Association as a text book on Oral Hygiene for the public schools. I recommend that a committee of three be appointed or elected by the House of Delegates to take charge of this work.

MILLER MEMORIAL.

In December, 1915, the Miller Memorial was unveiled on the campus of the Ohio State University. This memorial, a magnificent bronze figure of the late Dr. W. D. Miller, supported on a marble pedestal, was erected from funds contributed by the members of the profession of the United States. It is a fitting tribute to a man who gave his life to the upbuilding of the dental profession. His life was cut short all too soon but his works will live always,—a beacon light to the searcher after truth.

In August, 1915, there passed away a member of our profession whose name is insoluably associated with dentistry and whose works have greatly helped to advance the name of the American dentist. A true scientist, a man greatly beloved,—Dr. Green Vardiman Black, of Chicago, and I recommend that a committee be appointed or elected by the

House of Delegates which shall be empowered to solicit funds, perfect designs and have erected a fitting memorial to this distinguished member of our profession.

MEMBERSHIP CERTIFICATES.

I recommend that the expensive membership certificate that has heretofore been issued to every member of the National Dental Association be discontinued. The cost of printing, addressing and mailing is $2,000.00, which would pay for two issues of the National Dental Journal, and this certificate does not seem to me to serve any good purpose, as the membership card that is issued by the State Secretary is sufficient identification.

MEMBERSHIP BUTTON.

I recommend that a committee be appointed or elected by the House of Delegates to obtain designs and select the most appropriate one to be used as a membership button and present their recommendations to the Board of Trustees; that the Board of Trustees be empowered to make such selection and arrange for the manufacture of the buttons, also regulate the method by which they shall be distributed and paid for by individual members.

DENTISTRY IN THE WAR.

It is gratifying to note the wonderful results that have been obtained by the American Dental Corps in Paris. This work has been under the direction of Drs. Davenport and Hayes and we have had opportunity recently in some of our Journals of seeing photographs of the marvelous results that have been obtained in mechanical replacement as well as facial plastic surgery. Work of this character is doing great things to advance our profession in the eyes of the world and it is extremely pleasing to note that this work has been under the direction of dentists from the United States. A number of dental units from our country have gone abroad and served in this corps for three months each.

I had hoped and expected to have with us at this meeting Dr. George B. Hayes, of Neuilly, Paris, Chief Dental Surgeon of the Ambulance Corps, but the enormous responsibilities of the work and the increased number of cases brought about by the great activity on the Western border, kept him at his post. In his most interesting and instructive letter, in which he expresses his regret at not being able to be with us, he says,—In my wish to be with you, "my principal desires would have been to give the profession a better knowledge of the nature of the work that is being accomplished, not only by the Ambulance, but by similar service in the French hospitals, to create more general interest in the possibilities offered the dental surgeon in this class of war injuries, and to show not only the importance of co-operation between the general surgeon and the dental surgeon but the absolute dependence of the general surgeon upon the dental surgeon in the treatment of these cases where the skeleton has to be re-made before the final plastic operation can be done.

Another object of my visit would have been to endeavor to convince the authorities in Washington of the advantages to be gained by sending over representatives from the army and navy dental corps to profit by the experience offered here, inasmuch as it will be the army dental corps that will be most likely to be called upon to deal in the future with the class of fracture with serious loss of substance.

I feel that the work at present accomplished by the dental surgeon in close association with the general surgeon is offering greater possibilities to the profession than is generally realized; that the opportunity is now being offered the profession to not only force its recognition in work of this kind but also as regards dentistry in general."

PREPAREDNESS LEAGUE.

There has been organized in the United States a Preparedness League of American Dentists. Their plans are most excellent and I believe that every member of the National Dental Association should join this organization. Their plans are as follows:—to institute a registration bureau for the dentists of the United States who care to prepare the mouth of an applicant for enlistment in the United States Army or navy so as to meet the requirements for such enlistment. A set of rules is prepared to protect the dentists doing this work from any imposition. No other obligation is entailed than herein stated. It is the desire of the organizers to inform the Surgeon General of the United States Army as soon as possible that this League has at least 15 or 20 thousand members.

It has also originated a plan whereby those needing oral surgical attention caused by injuries during battle, may receive this attention from a corps of specially prepared dentists. Units will be formed in as many cities as possible and clinics will be held on Oral Surgery to train men to look after the new conditions that have been suddenly thrust upon us by the great war in Europe. It is hoped that American dentists who have served on the Ambulance Hospital Corps in Europe will assist in this work.

Members will be active and associate. Active members will join by paying the fee of $1.00. Associate members register with the League without fee and active membership will be consummated when requested by the League to remit the fee of $1.00.

Editorial comment in our Journal has been specially commendatory. It is earnestly hoped that those who have not obtained membership will do so at once. The registration bureau will be found in the armory.

RECIPROCITY IN DENTAL LICENSE.

One of the greatest needs of our profession in a legislative way is reciprocity in dental licenses. An advance has been made recently by the adoption in New York State of a new law that not only provides for reciprocity in a definite way but also for the dental hygienists. These are distinct advances and should receive favorable commendation.

I recommend that the Legislative Committee be instructed to obtain copies of various state dental laws and co-operate actively with the Presidents and Boards of these states in an endeavor to arrange for uniform reciprocity.

On the whole, the strides we have made during the past year are notable. I point to them with pleasure and pride, but I should be ashamed if any braggadocio spirit should deem the summit reached. Our past achievements are merely stepping stones, the Heights of Wisdom and Knowledge are always ahead and no man stands still. Either he is climbing upward or slipping backward. As a last word of recommendation, I would urge you to look at past progress mainly as an inspiration to "Come up Higher," and as Dr. Oliver Wendell Holmes says,—

"Leave thy low-vaulted past;
Let each new temple, nobler than the last
Shut thee from Heaven with a dome more vast
'Till thou, at length, art free,
Leaving thine out-grown shell by life's unresting sea!"

PROCEEDINGS

OF THE

TWENTIETH ANNUAL SESSION OF THE NATIONAL DENTAL ASSOCIATION.

Held at Louisville, Kentucky, July 24, 25, 26, 27 and 28, 1916.

FIRST GENERAL SESSION.

THE first general session of the twentieth annual meeting of the National Dental Association was called to order at 10:00 o'clock, Tuesday morning, July 25th, in Keith's Theatre, by the President, Dr. Thomas P. Hinman, Atlanta, Ga.

Dr. W. W. Landrum, President of the Louisville Ministerial Association, Louisville, Ky., was introduced and delivered the following:

Invocation.

Almighty and ever merciful God, our Father, in whom we live and move and have our being, grant Thy blessing upon this assembly. We thank Thee for what Thou art and for what Thou hast done. Thou art our Creator, our benefactor, our preserver, and our father. We rejoice that like as a father pitieth his children even so the Lord pitieth them that fear Him. Receive our thanks at this time for all the blessings of life, and especially for this age we enjoy in this happy land of ours. We thank Thee for the civic and religious liberty, our free press, our free schools, and for those institutions which make life here in the home land contribute to our usefulness and to our happiness and the upbuilding of the great republic, and at this time we thank Thee for all assemblies of our citizens which have in view the promotion of the common weal, and especially do we thank Thee for Thy servants gathered together as representatives of a noble profession, which is wrought wisely and well for the promotion of human health, for the relief of human suffering, and for the increase of human efficiency. Bless them in their deliberations. May they be mutually helpful in social intercourse and in all the various departments of activity while they remain in this city of ours. Hold up before them, we beseech Thee, the high ethical ideal which they have adopted, and enable them by invention and discovery in the art and in the science which they cultivate still further to increase the usefulness of our citizens both here and elsewhere. Grant, we pray Thee, that everything which is done here may be for the benefit of their calling and thru their calling for the benefit of all of our citizens thruout the length and breadth of the land.

Our Father who art in Heaven, hallowed be Thy name, Thy kingdom come, Thy will be done on earth even as it is done in Heaven. Give us this day our daily bread and forgive us our trespasses

as we forgive those who trespass against us. And lead us not into temptation, but deliver us from evil, and Thine shall be the kingdom and the power and the glory, forever and ever. Amen.

Presentation of Gavel.

Dr. H. B. Tileston, Louisville, Chairman of the Local Committee of Arrangements, said:

Mr. President:

On behalf of the Local Committee of Arrangements I wish to present to you this mallet and sounding board and to have you know that this mallet and sounding board are not the ordinary mallet and sounding board but are somewhat unique.

Kentucky is noted as the birthplace of many great men, some of whom have been elevated to high positions in other states. This sounding board, Mr. President, is made of wood from the farm of Zachary Taylor. (Applause.) The head of this gavel is made of wood from the birthplace of Jefferson Davis (applause), and the handle is fashioned of wood from the birthplace of Abraham Lincoln. It is a notable fact that these two latter great men who, as the years have passed, are revered in the memory of their fellow countrymen almost equally, were born within one mile of each other. It is also stated that Jefferson Davis got his wife from the farm of Zachary Taylor, so it seems that these three colossal heroes of the past are linked together in this state and, upon this occasion, in this sounding board and in this gavel.

The Local Committee of Arrangements presents this to you as a souvenir of this occasion, and I now present to you this emblem of authority. I have confidence it will be wielded with strict justice and impartiality, and these will be cherished by you as a momentous occasion in your life. (Loud applause.)

PRESIDENT HINMAN, in accepting the gavel and sounding board, said:

Dr. Tileston and Members of the Local Committee:

It seems to me that this gavel and sounding board are symbolic of this Association because this Association was formed by a union of the old Southern Dental Association and of the American Dental Association which represented the different sections of the country bearing their names.

To me it is an exquisite pleasure to see this union. You probably know I had some small part in bringing about the union of these two great bodies, and I wish to tell you members of the local committee that I thank you from the fullness of my heart for this remembrance, especially handed down to posterity as one of the gems of my life. (Applause.)

THE PRESIDENT: It gives me very great pleasure to introduce to you at this time the Mayor of Louisville, Honorable John H. Buschemeyer, who will deliver an address on behalf of the City.

Address of Welcome by Mr. Buschemeyer.

Mr. President, Ladies and Gentlemen:

It is indeed with great pleasure that I welcome you to the great commonwealth of Kentucky; and it is with pleasure also that I welcome you, to partake of this tropical weather which, I assure you, neither the municipality nor the state authorities have anything to do with. (Laughter.) Should you find during your stay in Louisville complaint to make of anything other than the weather, you can rest assured we are ready to take all the blame for that upon ourselves. But this weather has been sent down to us from the eastern and New England States. I know that it is something entirely foreign for this beautiful city of ours and this grand old commonwealth. I knew a hot time had been prepared for you, but I did not know they were going to give it to you in the weather as they will otherwise.

I am glad to be here this morning amongst you learned men of the dental profession. I do not feel out of place in being here upon this occasion because when I am at work I am a practicing physician, and therefore I feel akin to you gentlemen of the dental profession. (Applause.)

The medical profession has made wonderful strides in the last decade. The germ theory has opened up a field of great endeavor, and today the individual can furnish a manufacture of vaccines all to himself and in his own person. The dental profession has also made wonderful strides. The old diseased molars have been proven to be a source of numerous diseases to which the human is heir, and my friends, the people, mankind in general, owe a lasting tribute of respect to the dentists for the great advancements they have also made in the last decade. Truth is ever so simple when scientifically discovered, and I often wondered why it was that in times past the medical men did not discover the great things that are being placed before us today. The city of Louisville welcomes you. It is a progressive city and a community which gives to its children the best possible graded school education. It gives them a high school education the equal of any American municipality, and a municipal university education, the degrees of which are recognized by the great universities of our land.

Louisville has a modern hospital, a municipal hospital, which gives succor to the indigent sick, and I say without fear of contradiction, that the indigent sick of this community receive better medical attention and better surgical attention than a great many of us who are able to pay for the same. (Applause.)

Louisville has a park system that is equal to any of the cities of this great land. It is giving to its children playgrounds, internal playgrounds, with the idea of giving to them sound bodies and good minds.

This municipality has just completed a $5,000,000 sewer system which makes our surroundings the most hygienic. We have our municipally owned waterworks system and this system with its purity of water, has been one of the most potent and main sources in causing me to leave my loved profession and to go into politics. During the whole time that Louisville got her water from the polluted river, she had typhoid fever, but since this magnificent water system has been placed in operation, typhoid, unless it is brought from without, is a thing unknown in the City of Louisville. Therefore, practitioners of medicine, as you can see, have a hard time in getting along in the City of Louisville.

I shall not attempt to review the civic affairs which might attract you to this city. I notice from your program that you have an immense amount of work before you, and I sincerely hope and trust you will be able to make it your business to participate and partake of the many pleasures which have been provided for you; that your work may be mingled with recreation to your benefit. I welcome you with interest and enthusiasm. We welcome you to our city. We welcome you to our homes, and we welcome you to our hearts. (Loud applause.)

THE PRESIDENT: It affords me very great pleasure to introduce as the next speaker Mr. Charles A. Weber, who will deliver an address of welcome on behalf of the Publicity and Convention League of Louisville, Kentucky.

Address of Welcome by Mr. Weber.

Mr. President, Ladies and Gentlemen of the National Dental Association:

It is indeed a great pleasure for me, on behalf of the Louisville Convention and Publicity League, to welcome you to our city and to all we think may contribute in any way to your comfort and

pleasure while you remain with us. We are unselfishly interested in you and your profession. We Kentuckians have teeth, altho we seldom show them except to smile a welcome to our friends. (Applause.) We, however, wish to preserve these teeth, but for ornamental purposes only. As you know, or will soon discover, our staple diet does not require chewing (laughter), save for the one item of tobacco, and even that can be sufficiently masticated without the aid of dental exercise as our many old men can testify. (Laughter.) But seriously, gentlemen, we do value you in the great work you are doing for the health of our people. The day when the barber and the blacksmith extracted teeth that ignorance and neglect had allowed to become useless has fortunately long passed, and in this enlightened age we fully realize that much of our usefulness and happiness depends upon the care of our teeth by scientific men like these before me. There was a time when ignorance ruled and the educated man was looked down upon. Then came the rule of the intellectual classes—men who could read and write were given the benefit of a doubt and by applying this knowledge they might escape punishment or crime. It was then that the professions of medcine and dentistry, being in the hands of ignorant men, were looked down upon. Physicians and dental surgeons have tion of learning and science, and today elevated your profession by the acquisi- I believe that the dentist must be even more scientific than any other member of the medical fraternity. (Applause.)

Now, gentlemen, again I bid you welcome to our city, and I trust that your stay will be a pleasant and profitable one. All that you see is yours, and if there is anything which you want but do not see, I hope you will ask for it, and it will be a pleasure for us to grant it. I thank you. (Applause.)

THE PRESIDENT: Governor Stanley was to have addressed us in behalf of the state but as he is unavoidably absent I desire to introduce to you the Honorable E. J. McDermid, Ex-Lieutenant Governor of Kentucky.

Address of Welcome by Mr. McDermid.

Mr. President, Ladies and Gentlemen of the National Dental Association:

The very pleasing task has been put on me of welcoming you on behalf of the state in the absence of the Governor. I was selected for that task not because of any special worth of mine, but because your local committee believed I was fond of the state in which I was born and would be glad to say a word of welcome to the members of this distinguished convention assembled here in the chief city of the state:

Many years ago Dr. Breckenridge, of Lexington, a famous Presbyterian minister before the war, went to a Mr. Sear and urged him, as a member of his church, to give liberally to a fund they were trying to raise for the improvement of the church. Mr. Sear made many excuses for not being able to give a large sum such as Mr. Breckenridge wanted him to do and finally said, "You must not forget, Mr. Breckenridge, I am not one of the pillars of the church." "No," said Dr. Breckenridge, "we have always recognized you as one of the sleepers of the church." (Laughter.)

We are glad indeed to have you come to this city and hold your convention here because we know the importance of your calling. We know, as has already been said this morning, that medicine and general surgery have advanced greatly in the past fifty years, but those of us who have been paying special attention outside of my profession have also noticed that within twenty-five years neither of the other professions has made the great strides in skill and in public esteem that has been made by the dentists of the world. Therefore, we recognize fully your importance to us

—to men, women and children everywhere, and I am glad to welcome you on behalf of the state for that reason.

Any of us over forty years of age can remember the time when the only treatment for a tooth that was giving pain was to extract it and to put nothing in its place, thus depriving us of the best means we have of preserving life. Some of us can remember the time when any kind of doctor, and even a barber used the forceps on us with terrible effects. But fortunately that time has passed away. We all realize now that without good teeth there cannot be good looks nor good health. We all know what an important role the teeth perform in avoiding disease and preserving the human body in its perfection for many years; therefore, we realize what your calling means to us. We know that many a young girl has lost her chance for matrimony by the neglect of her teeth in childhood. We know that many a man's life has been threatened because his teeth had been neglected in childhood or in manhood. We realize that many a cross grained man or sour woman would be amiable if his teeth had been properly attended to at the right time. So we see the practical importance of matters of this sort. Many a widower or many a widow might have met success instead of failure but for the handicaps of defective or decayed teeth, or by not having those teeth necessary for proper mastication. We realize in this the great importance of good cheer and good health of your calling; therefore, we wish you Godspeed in it. We recognize in you not merely mechanics or tradesmen, but enlightened men of a great profession.

In the middle ages cruel kings often pulled out the teeth of rich Jews to force them unjustly to give up their money for royal extravagance. All realize the great importance of sound teeth. We do not part with a tooth very readily, we save it whenever we can, and you have discovered ways of saving teeth the world never dreamed of before. You have advanced in one way. You have made discoveries that have put you ahead of my profession. You have discovered a method of healing lesions or curing them without pain, but no one in my profession (the law) has as yet discovered any means of extracting a good fee from a client without pain. (Laughter.)

Now, gentlemen, we admire you, and yet we fear you. We must at times go to you, but we always go with fear and trembling. You see us really at our worst. You see us when we come to you quaking with fear, moaning perhaps and wriggling, and waving aloft our hands and feet when you insist on introducing your instrument of torture into an all too tender nerve, utterly unconscious of the misery we endure. Of course, gentlemen, we always feel we want you to be efficient, but we want you to be merciful and not tell our wives what antics we cut in your presence. (Laughter.)

Gentlemen, I want to say this: All of us have our troubles. When I appeal to you for mercy for the man or woman in the dental chair, I want you to remember how you at one time felt when you happened to be in court under a fierce cross examination by some unscrupulous and hard-hearted lawyer who perhaps told you that your banker's note must be paid within three days or you would be likely to go to the penitentiary. Therefore, deal with your patients kindly. Do all that is necessary, but do not do any more. (Laughter.)

Now, Gentlemen, I welcome you to a rather unique and famous state. If you are not blear-eyed—and nobody's eyes are better than yours—you understand all you see. If you will look around here you will discover that God has been gracious to us in the State of Kentucky. The air is fresh, the soil is rich, the climate salubrious, the rivers abundant,

minerals plentiful, fruit delicious, the men intelligent and hospitable, the women fair and charming. (Applause.) If the ladies you see on the street are not the most beautiful you ever saw in your life, you must remember our beautiful women are now away on their vacation, or those who remain are confined to their homes by this extraordinary and most unusual hot weather for this neighborhood. (Laughter.) Whether this weather has been produced by the Germans or by Carranza we cannot say, but we know that it has been extraordinary.

Ladies and gentlemen, we would like to have you know more about our state and city. We would like to have you know more of their history. Kentucky has played an important part in this country's affairs from the beginning of the Revolutionary War down to this day. It was the work of the early pioneers of Kentucky, Virginia and Georgia, along with New York, Indiana, Wisconsin and Michigan, that made us a part of this great nation instead of a part of the British Empire. Therefore, all of you from the states in the Northwest Territory owe a debt of gratitude to Kentucky which you can never fully repay. We have brought you into the Union. Thru the heroic efforts of these pioneers important work was performed for the whole Union and for all the world because in this great country of ours we are solving, at least we hope we are solving, a great problem. This great problem is whether or not a free people, enjoying all the liberties that any people have ever desired to enjoy, can successfully contradict the great government based upon these fundamental principles and, at the same time, can thrive and prosper in all material things and be so strong before all the world that nobody will want to attack us and everybody will want our friendship. (Applause.) So you have heard how, after the Revolutionary War, men like Zachary Taylor, Jefferson Davis, Lincoln, John G. Carlisle, and many other men I might name, not to mention Henry Clay, born in Virginia but raised in Kentucky, played an important part in our national affairs. You are playing an important part in the affairs of our entire country. We all admire you; the state and city have to admire you for what you are doing and for what you have done. We do hope that your meeting may be most successful, and pleasant, and that you will advance materially your great science. Furthermore, we hope you will take back to your several homes pleasant recollections of Kentucky and of Louisville, and if some of you may want some day to come and live here, we shall be glad to have you among us. But whether you come or not you will be able to say that everywhere you went the people of Kentucky were kind, intelligent, and hospitable—loyal Americans, proud of their state and its institutions and as patriotic a people as any in this or any other land. We all feel here as you do in other states: that our destiny is a great destiny; that it will finally lift our people to the highest sphere ever yet attained by any man in any period of the world's history; that we not only seem to be devoted to ourselves and our neighbors, but to all mankind in the promotion of free institutions, in the spirit of science, and in the understanding of the doctrine of civil and religious liberty. So, again, I welcome you thrice fold to the hearts and to the homes of the people of Kentucky. (Loud applause.)

Response to the Address of Welcome.

DR. WILLIAM H. G. LOGAN, Chicago, Illinois:

The President, Mayor Buschemeyer, Mr. Weber, and Honorable E. J. McDermid, Ex-Lieutenant Governor of Kentucky:

I am greatly pleased to be asked to respond to these eloquent and cordial words of welcome. They were of such a nature as to quicken the heart of every

guest assembled in this beautiful auditorium.

We have just been welcomed to a city and to a southern state, and to that part of these United States known as the fair south, yet let me declare if there be a place in all this nation—yes, a place in all the universe where men meeting without words of welcome are made to feel at home, it is this sunny south. (Applause.) As President Hinman has said, when speaking at the dedicatory exercises of the National Research Institute's new building in Cleveland on February last, southern hospitality is the greatest hospitality. And we can justly say so, for here the handclasp is a little firmer; here the smile dwells a little longer; here there is all singing and less sighing; and here real men make real friends that really last without half trying. (Applause.)

Perhaps I should explain to all my friends on this side of the Ohio river how much I appreciate their words of welcome and how much I feel at home amid these surroundings. It is because my grandparents as children were cooed to sleep by melodies sung by negro mammies down in Old Virginia the same as many of you. I doubt, however, if many of my friends from the East and associates from the West really know the boundaries of this South, the history and the noble and honorable traditions of this locality. Some of you undoubtedly believe that the South is bounded on the north by the Ohio, on the east by the Atlantic, on the west by the Mississippi and on the south by the Gulf of Mexico. If we follow what the geographers say, that is partly correct; but to me the South is not bounded on the north, east, west nor south by any degree of latitude or longditude. Rather it extends to those localities where a given type of people have lived for many, many generations and developed certain types of characteristics and an honorable history. So I would bound the South professionally, as follows: On the north by that type of men which are justly represented by the amiable and lovable Harry Tileston of this city (Applause), and by that son of a distinguished pioneer dentist of Nashville. I have reference to the scholarly and efficient Henry Morgan of Nashville. (Applause.) I would bound it, first, on the west by a man who knows what he thinks, and only says those things which he believes—a distinguished teacher, a broad-minded man—I refer to the venerable, but not old, J. D. Patterson, of Kansas City. (Applause.) There resides on the western border another man who is brave, who has the courage of his convictions, yet the heart of a woman, the mind of a scholar, an executive, a parliamentarian of recognized ability, and a distinguished practitioner of dentistry. He is the dear old Spot of Ottawa, Kansas. (Applause.) East of the South we find the cradle and home of dentistry, for there 77 years ago Hayden and Harris started the first dental school, and today there presides over that old Baltimore Dental College a man who loves the south as the south and rest of the profession love him; a man who is absolutely like himself and absolutely unlike anyone else; epigramatic but sincere; a true representative of a southern professional gentleman is found in B. Holly Smith. (Applause.)

When endeavoring to bound the South professionally on the south I was surprised at the infrequency with which specialists had developed in that locality. As a result it has a number of general practitioners who are exceptionally skilled in every phase of dentistry, and in the south of the South we find one who can diagnose pulp lesions perfectly, fill root canals, amputate root ends, and mold plastics, while crown and bridge is his forte. Besides doing all these things equally well, he can care for the surgical lesions of the mouth in a manner that would cause an onlooker to be-

lieve that he is a specialist in oral surgery. I have reference to our own and your own Tom Hinman. (Loud Applause.)

Now, what of the traditions and honorable history of the south. The south has ever been known as the home of a brave and hospitable people. She can rightly boast of a perfect climate above a fertile soil, where the cotton whitens beneath the stars. But as renowned as the south is for its natural resources, she is most honored and respected for the gentle quality of womanhood and manhood that goes to make up her patriotic citizenship—patriotic, yes, which is even exemplified in the loyal committee's declaration in this auditorium, for here we see the American flag displayed in all its glory; and it is well indeed in this day of the world's war, when practically every foreign nation is spending its energy in what?—in the destruction of human life, and when our own boys in khaki from every state in the Union are down in the south protecting our Mexican frontier, to have such evidences of patriotism as these. (Applause.)

It occurred to me, Mr. President, as I sat upon the stage this morning, that if this old flag holds more patriotism in its folds when unfurled in one section of this country than it does another, it has more patriotism in its folds when you see it floating beneath southern skies—your flag and my flag, and oh, how much it holds, your land and my land secure within its folds! Your heart and my heart beats quicker at its sight, sun-kissed and wind-tossed, the red, the blue, the white. The one flag, the great flag for me and you glorifies all else besides—the red, the white, the blue. (Loud and prolonged applause.)

At the close of Dr. Logan's address, Dr. Harry B. Tileston, Louisville, Kentucky, First Vice-President of the Association, took the Chair, and the President, Dr. Thomas P. Hinman, Atlanta, Georgia, delivered his address,† which was referred to the Reference Committee on Reports of Officers.

PRESIDENT HINMAN: Personally, I desire to thank Mayor Buschemeyer, Mr. Weber, and Mr. McDermid for their addresses of welcome. We all appreciate greatly their coming here and offering to us warm words of welcome.

Adjournment.

REPORTS OF SPECIAL RESEARCHES.

Pathological, Bacteriological and Clinical Studies.

SECOND GENERAL SESSION.—TUESDAY, 8 P. M.

The second general session was called to order Tuesday, July 25th, at 8 p. m., by the President, Thomas P. Hinman.

Papers were read as follows:

"The Relation of Mouth Infections to Systemic Infections," by Dr. Thomas B. Hartzell; assistants: Dr. Arthur T. Henrici, Donald McCarthy, and William Grey.*

Dr. John R. Callahan, of Cincinnati, Ohio, read a paper on "Root Canal Fillings."*

(a) "Studies for the Identification and Differentiation of Pathogenic Organisms of Mouth Infections," by Dr. Weston A. Price: Assistant, LeRue P. Bensing (A. B.)*

(b) "Galvanic Medication Studies, Including Electric Ionization," by Dr. Weston A. Price, Cleveland, Ohio.

*This paper will be published in a later issue of The Journal.

†Published in this issue, page 363.

*These papers will be published in a later issue of The Journal.

THIRD GENERAL SESSION.—WEDNESDAY, 8 P. M.

The third general session was called to order Wednesday, July 26th, at 8 p. m., by the President, Thos. P. Hinman.

Symposium: Sections II and III.

SECTION II.

Symposium: Pyorrhea and Prophylaxis.

Dr. Carl D. Lucas, Indianapolis, Indiana, read a paper on the "Surgical Treatment of Pyorrhea."*

Dr. Paul R. Stillman, of New York City, followed with a paper on "Prophylaxis of Pyorrhea,"* which was illustrated by numerous stereopticon slides.

Dr. Gillette Hayden, of Columbus, Ohio, read a paper on "Prophylaxis for Children."*

SECTION III.

Symposium: "Orthodontia."

Dr. Martin Dewey, Kansas, City, Missouri, read a paper on the "Evolution of the Principles of Regulating Appliances,"* which was illustrated by numerous slides.

Dr. Frank M. Casto, Cleveland, Ohio, read a paper entitled "Some Phases of Early Orthodontic Treatments and Developments."*

Dr. Joseph D. Eby, Atlanta, Georgia, contributed a paper entitled "Principles of Removable Appliances."*

FOURTH GENERAL SESSION—THURSDAY 8 P. M.

The fourth general session was called to order Thursday, July 27th, 8 p. m., by the President, Thos. P. Hinman.

Symposium, Section I and State Society Officers' Section.

SECTION I.

Symposium: "Dental Education, Past, Present and Future,"* by Dr. H. L. Banzhaf, Milwaukee, Wisconsin; Dr. Harry M. Semans, Columbus, Ohio.

STATE SOCIETY OFFICERS' SECTION

Symposium: "Increasing the Efficiency of the State Society." Illustrated Stereopticon.

"Education of the Public on Oral Hygiene, thru the Dental Society,"* by Dr. Thaddeus P. Hyatt, New York City.

"Establishment of Our Own Monthly Journal,"* by Dr. Otto U. King, Huntington, Indiana.

"The State Dental Society as an Important Legislative Factor,"* by Dr. Homer C. Brown, Columbus, Ohio.

Adjournment.

FIFTH GENERAL SESSION.—FRIDAY, 2 P. M.

INSTALLATION OF OFFICERS.

The fifth general session was called to order Friday, July 28th, 2 p. m., by the President, Thos. P. Hinman.

THE PRESIDENT: Gentlemen, this is the last general session of the National Dental Association for 1913, and it is the privilege of your President at this time to install the newly elected officers.

The following officers were then duly installed:

President—LaFayette L. Barber, Toledo, Ohio.

President-Elect—Wm. H. G. Logan, Chicago, Ill.

First Vice-President—A. P. Burkhart, Auburn, N. Y.

Second Vice-President—M. E. Vance, Lincoln, Nebr.

*These papers will be published in a later issue of The Journal.

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Third Vice-President—H. Clay Hassell, Tuscaloosa, Ala.

General Secretary—Otto U. King, Huntington, Ind.

Treasurer—Arthur R. Melendy, Knoxville, Tenn.

DR. HOMER C. BROWN, Columbus, Ohio, moved that the local committee, the convention bureau, the Chamber of Commerce, and the Publicity and Convention League of Louisville, be given a vote of thanks for the most efficient work they have done in behalf of our most successful meeting in Louisville.

Seconded and carried.

PRESIDENT HINMAN: Dr. Barber, as President of the National Dental Association, in turning over to you this symbol (referring to gavel) of authority, I can only wish for you the heartiest co-operation on the part of the profession that has been shown me. It is not possible to handle an organization of this magnitude or to produce a meeting of this character unless you have the hearty co-operation of the profession, and that is what I have had, and there is nothing greater that I could wish for you than the co-operation shown me during the administration of my office. In turning over this gavel of authority to you, I want to say to you that I hope the meeting in New York City in 1917 will be the greatest dental meeting ever held in the world. (Applause.)

PRESIDENT BARBER said:

Mr. Retiring President:

In accepting this, the gavel of the National Dental Association, it is only my desire that it shall be as efficiently wielded in my hands as it has been in yours. I am sure, sir, that if the President of this Association attends strictly to his business, he will unquestionably have the support of the rank and file of the National Dental Association, without which no man within its ranks is large enough to guide and direct a body of this magnitude. I will return this gavel to you and ask you to close this meeting.

DR. HINMAN (occupying the chair): Are there any motions, or any business of an official character to come before the Association at this time?

DR. A. R. ROSS, Indiana: I would request the new President, Dr. Barber, to take the Chair for a moment.

PRESIDENT BARBER (in the Chair): What is your pleasure?

DR. ROSS: I desire to move that the members of the National Dental Association present extend a rising vote of appreciation for the excellent administration the retiring President, Dr. Hinman, has given us during the past year.

DR. GEORGE N. WEST, Chicago, Illinois: I heartily second the motion. (Carried unanimously.)

DR. HINMAN: The President has asked me to preside at the closing moments and has vested me with that power. I thank you heartily for this vote of appreciation.

Is there any other unfinished business?

DR. EMERY A. BRYANT, Washington, D. C.: I move that a vote of thanks be given to members of committees and to the officers of sections for their efficient work during this year.

Seconded and unanimously carried.

As there was no further business to come before the meeting, on motion, duly seconded and carried, the Association adjourned to meet in New York City in 1917.

THOMAS P. HINMAN, President.

OTTO U. KING, General Secretary.

SECTION PROCEEDINGS.

SECTION I.

Operative Dentistry, Nomenclature, Literature, Dental Education and Allied Subjects.

Chairman—H. E. Friesell, Pittsburgh, Pa.
Vice-Chairman—E. D. Coolidge, Chicago, Ill.
Secretary—DeLos L. Hill, Atlanta, Ga.

TUESDAY—First Session.

The first session of Section I was called to order at 2 P. M., July 25th, at the Masonic Theatre, by the Vice-Chairman, E. D. Coolidge, Chicago, Ill.

E. D. COOLIDGE, Chicago: I have an announcement to make which I regret very much. The Chairman of this section, Dr. H. E. Friesell, is unable to be with us today on account of the death of his mother. I am sure we will miss Dr. Friesell greatly and our hearts go out to him in sympathy on this occasion.

I am also sorry to announce that Dr. Clyde Davis, whose address is the first on the program, has been detained from our meeting for the same reason—that his mother died very suddenly. Nor are the rest of his family at all well, making it impossible for him to leave his home. This will necessitate a change in the program, and I will call on Dr. Conzett, who will read his paper on "Application of Amalgam in Modern Dentistry."

(Published in later issue of the Journal.)

DR. COOLIDGE: Owing to the absence of Dr. Clyde Davis, his paper will be read by Dr. E. H. Breuning, of Omaha, Nebr.

(Published in later issue of the Journal.)

The Section elected E. E. Bedford, Cleveland, Ohio, as delegate to the House of Delegates.

Adjournment.

THURSDAY—Second Session.

The second session of Section I was called to order by the Vice-Chairman, Dr. E. D. Coolidge, at 9 A. M., Thursday, July 27th, in the Watterson auditorium.

DR. COOLIDGE: The first order of business will be the reading of minutes of the previous session.

Minutes read by Secretary, and approved.

DR. COOLIDGE: The first paper is one entitled "Cavity Preparation for Gold Foil, Gold Inlay and Amalgam Operations," by Dr. Walden L. Ferrier, of Burlington, Washington.

(Published in a later issue of The Journal.)

DR. COOLIDGE: The discussion of this paper was to have been opened by Dr. R. H. Volland, but as he is not here we will call on the next discussant. It gives me great pleasure to present to you Dr. W. H. O. McGeehee, of Cincinnati.

DR. COOLIDGE: The next paper to be read before this section is one which requires lantern slides, and owing to the fact that it is impossible to use lantern slides in this room, arrangements have been made to adjourn this section to Keith's Theatre across the street and go into session there at the conclusion of the section now meeting there. We will go over there now and Dr. Avary's paper will be read there.

THURSDAY—Second Session Continued.

KEITH'S THEATRE.

DR. H. E. FRIESELL, Chairman: We will now have the pleasure of listening to a paper by Dr. Hugh Avary of San Francisco, on "Present Status of Porcelain in Dentistry."

(Published in a later issue of The Journal.)

DR. H. E. FRIESELL: This section has been particularly unfortunate, due to conditions over which we have no control. This paper was to have been discussed by Dr. Dittmar, of Chicago, but I have a letter here saying that owing to the illness of his wife he cannot be present. He has sent his paper, however, or rather his discussion, and it will be included in the transactions.

DR. H. E. FRIESELL: Owing to the fact that this theatre is in use this afternoon, we must get thru by 1 o'clock, and as there is still some business to come before this session we will adjourn to meet at the Seelbach, on the tenth floor, at 2:30.

The following officers were elected: Chairman, E. G. Coolidge, Chicago, Ill.; Vice-Chairman, DeLos L. Hill, Atlanta, Ga.; Secretary, J. F. Biddle, Pittsburgh, Pa.

THURSDAY—Third Session.*

July 27th, 8 P. M., Keith's Theatre.

Symposium:—"Dental Education, Past, Present and Future."

By H. L. Banzhaf, Milwaukee, Wis.

Harry M. Semans, Columbus, Ohio.

*The third session of Section 1 was held in conjunction with the Fourth General Session.

Adjournment.

SECTION II.

Oral Surgery, Anatomy, Physiology, Histology, Pathology, Etiology, Prophylaxis, Oral Hygiene, Materia Medica and Allied Subjects.

Chairman—Chalmers J. Lyons, Ann Arbor, Mich.
Vice-Chairman—F. B. Moorehead, Chicago, Ill.
Secretary—Mark E. Vance, Lincoln, Nebr.

WEDNESDAY—First Session.

The first session of Section II was called to order Wednesday, July 26th, at 2 P. M. in the Watterson Auditorium by the chairman, Chalmers J. Lyons. The chairman introduced Dr. James Mark Prime of Omaha, Neb., who read a paper on "The Physiological Function of Tooth Form."

(Published in a later issue of The Journal.)

THE CHAIRMAN: We will not have the pleasure of hearing Dr. T. E. Carmondy's paper as it is impossible for him to be present.

Dr. Virgil Loeb, St. Louis, Mo., read his paper, "Indications for the Removal of Teeth in Cases of Focal Infection." (Illustrated Stereopticon).

(Published in a later issue of The Journal.)

Adjourned until Wednesday, 8 p. m.

WEDNESDAY—Second Session.*

July 26th, 8 P. M., in Keith's Theatre.

Symposium:—"Pyorrhea and Prophylaxis."

The following papers were read:

"Surgical Treatment of Pyorrhea," by Carl D. Lucas, Indianapolis, Ind.

"Prophylaxis of Pyorrhea," (Illustrated Stereopticon) by Paul R. Stillman, New York City.

"Prophylaxis for Children," by Gillette Hayden, Columbus, O.

*The second session of Section II was held in conjunction with the Third General Session.

THURSDAY—Third Session.

The third session of Section II was called to order by the chairman, Chalmers J. Lyons, on Thursday, July 27th, at 2 P. M. in the Watterson Auditorium.

THE CHAIRMAN read from the constitution the article referring to election of officers, after which the following officers were elected: Chairman, F. B. Moorehead, Chicago, Ill.; Vice-Chairman, Mark E. Vance, Lincoln, Neb.; Secretary, Virgil Loeb, St. Louis, Mo.

In the absence of Dr. Robert H. Ivy, Milwaukee, Wis., his paper on "The Aseptic Root Resection Operation," was read by Dr. W. L. Shearer of Nebraska.

(Dr. Ivy's paper will be published in a later issue of The Journal).

Dr. L. A. Neill, Decatur, Ala., and Dr. J. M. West, Minneapolis, Minn., were elected as delegate and alternate, respectively, to the House of Delegates for the ensuing year.

Adjourned.

SECTION III.

Prosthodontia, Orthodontia, Metallurgy, Chemistry and Allied Subjects.

Chairman—C. W. Mills, Chillicothe, O.
Vice-Chairman—L. E. Custer, Dayton, Ohio.
Secretary—B. L. Shobe, Tulsa, Okla.

TUESDAY—First Session.

The first session of Section III was called to order by the chairman, C. W. Mills, on Tuesday, July 25th, at 2 P. M. in the Gayety Theatre.

THE CHAIRMAN introduced Dr. James P. Ruyl of New York City, who read a paper on the subject: "Taking Impressions in Modeling Compound and Anatomical Setting Up of Teeth" (Illustrated Stereopticon).

THE CHAIRMAN: We will now be favored with a paper by Dr. J. Lowe Young, of New York City, on the subject of "Prevention of Permanent Malocclusion" (Illustrated Stereopticon).

(These papers will be published in a later issue of The Journal).

Adjourned until Wednesday, 8 P. M.

WEDNESDAY—Second Session.*

July 26th, 8 P. M., in Keith's Theatre.

Symposium:—"Orthodontia."

The following papers were read:

"The Evolution of the Principles of Regulating Appliances"(Illustrated Stereopticon) by Martin Dewey, Kansas City, Mo.

"Some Phases of Early Orthodontic Treatments and Developments," by Frank M. Casto, Cleveland, O.

"Principles of Removable Appliances," by Jos. D. Eby, Atlanta, Ga.

(These papers will be published in a later issue of The Journal).

*The second session of Section III was held in conjunction with the Third General Session.

THURSDAY—Third Session.

The third session of Section III was called to order by the chairman, C. W. Mills, on Thursday, July 27th, at 9 A. M., in Keith's Theatre.

THE CHAIRMAN introduced Dr. Forrest H. Orton, of St. Paul, Minn., who read a paper entitled "The Predicament of Crown and Bridge Work."

Suggestion made by Dr. K. G. Knoche, Chicago, Ill., that a National Crown and Bridge Association be formed. Heartily endorsed by Dr. Forrest H. Orton and assembly.

THE CHAIRMAN introduced Dr. J. P. Buckley, of Chicago, Ill., who read a paper on "The Chemistry and Pharmacology of the Treatment of Pulpless Teeth and Their Sequellae; including the preparation of the Canals for Filling" (Illustrated Stereopticon.)

(These papers will be published in a later issue of The Journal).

The following officers were elected: Chairman, L. E. Custer, Dayton, Ohio; Vice-Chairman, C. W. Mills, Chillicothe, Ohio; Secretary, B. L. Shobe, Tulsa, Okla.

Adjournment.

STATE SOCIETY OFFICERS' SECTION.

Chairman—Benjamin Sandy, Minneapolis, Minn.
Vice-Chairman—C. R. Lawrence, Enid, Okla.
Secretary—A. P. Burkhart, Auburn, N. Y.

TUESDAY—First Session.

The first session of the State Society Officers' Section was called to order on Tuesday, July 25th, at 2. P. M., in the Watterson Auditorium, by the chairman, Dr. Benjamin Sandy, of Minneapolis.

THE CHAIRMAN announced as the first item on the program a paper by Dr. Weston A. Price, Cleveland, Ohio, on "Essentials for the Success of the Progressive Clinic Plan."

THE CHAIRMAN introduced Dr. C. R. Lawrence, of Enid, Oklahoma., who read his paper entitled "The Postgraduate Type of Dental Meeting."

(These papers will be published in a later issue of The Journal).

The session then adjourned until Thursday, July 27th, at 8 P. M.

THURSDAY—Second Session.*

July 27th, 8 P. M., at Keith's Theatre.

Symposium:—"Increasing the Efficiency of the State Society."

"Education of the Public on Oral Hygiene, thru the Dental Society" (Illustrated Stereopticon), by Dr. Thaddeus P. Hyatt, of New York City.

"Establishment of Our Own Monthly Journal" by Dr. Otto U. King, Huntington, Ind.

"The State Dental Society as an Important Legislative Factor," by Dr. Homer C. Brown, Columbus, Ohio.

(These papers will be published in a later issue of The Journal).

THE CHAIRMAN: The next order of business is the election of officers for the Section.

The following officers were elected: Chairman, John C. Forsyth, Trenton, N. J.; Vice-Chairman—H. E. King, Omaha, Nebr.; Secretary, C. R. Lawrence, Enid, Okla.

Adjournment.

*The second session of the State Society Officers' Section was held in conjunction with the Fourth General Session.

ORAL AND DENTAL HYGIENE.

Chairman—Charles H. Oakman, Detroit, Mich.
J. D. Patterson, Kansas City, Mo.
L. D. Mitchell, Oklahoma City, Okla.
H. F. Hoffman, Denver, Colo.
B. S. Hert, Rochester, N. Y.

The meeting of the Oral and Dental Hygiene section was called to order by the chairman, Dr. Charles H. Oakman, on Wednesday, July 26th, at 1:30 P. M. in the Seelbach Auditorium.

THE CHAIRMAN introduced Dr. Otto U. King, of Huntington, Ind., who read the first paper of the afternoon, on the subject "Oral Hygiene in Its Relation to Public and Individual Health."

THE CHAIRMAN: We will next hear from Dr. L. G. Mitchell, of Oklahoma City, Okla., who will present a paper on "Preparedness in Oral Hygiene."

THE CHAIRMAN next introduced Dr. S. D. Boak, 1st Lieutenant Dental Corps, U. S. A., who read a paper written by Dr. J. R. Bernheim, First Lieutenant Dental Surgeon now stationed with the United States Army at Fort Logan, Colo., on "Oral Hygiene in the Army."

THE CHAIRMAN introduced Dr. Harvey J. Burkhart, of Batavia, N. Y., who gave his paper on "Rochester Dental Dispensary."

(These papers will be published in a later issue of The Journal).

Adjournment.

PREPAREDNESS LEAGUE OF AMERICAN DENTISTS.

Chairman—J. Wright Beach, Buffalo, N. Y.
Vice-Chairman—H. A. Pullen, Buffalo, N. Y.
Secretary—M. B. Eshleman, Buffalo, N. Y.

The session of the Preparedness League of American Dentists was called to order by the chairman, Dr. J. W. Beach, on Tuesday, July 25th, at 2. P. M., in the Seelbach Auditorium.

THE CHAIRMAN announced the first paper of the afternoon to be read by Dr. J. D. Patterson, Kansas City, Mo., on "Relation of the Dentist to Preparedness in War."

THE CHAIRMAN: The next speaker of the afternoon will be Dr. Harvey J. Burkhart, of Batavia, N. Y., whose subject is "The Dentists in Time of War."

THE CHAIRMAN introduced Dr. H. E. Friesell, of Pittsburgh, Pa., who gave his address on "Relation of Dental Colleges to Preparedness League."

THE CHAIRMAN introduced Dr. H. A. Pullen, of Buffalo, N. Y., whose address was on "Work of Dental Units."

(These papers will be published in a later issue of The Journal).

The Preparedness League was duly endorsed by the National Dental Association and empowered to appoint a committee of five members of the Association to act in conjunction with the present officers and trustees of the League.

It was decided to hold the annual meeting in conjunction with the National Dental Association as the League membership is limited to members of the Association.

The Journal of the National Dental Association was made the official organ of the League, and thru this publication the members will be regularly informed of all matters pertaining to this department.

Adjournment.

INTERSTATE ASSOCIATION OF ANESTHETISTS.

Chairman—Wm. Hamilton Long, Louisville, Ky.
Vice-Chairman—Isabella C. Herb, Chicago, Ill.
Secretary-Treasurer—F. H. McMechan, Avon Lake, O.

The section met at 9 A. M. on Thursday, July 27th, and was called to order by the Chairman, Dr. Wm. Hamilton Long, Louisville, Ky.

Papers were read as follows:

Chairman's Address: "Anesthesia in the Curriculum, Clinic and Private Practice." By Hugh W. McMillan, Cincinnati, Ohio.

"Oral Operations under Nitrous Oxid-Oxygen Anesthesia in the Forward-Inclined, Sitting Posture" (Moving Picture Demonstration) (30 min). By Ira O. Denman, M. D., Toledo, Ohio.

"Vapor Anesthesia for Oral Surgery" (Moving Picture Demonstration) (30 min.) By Truman W. Brophy, Chicago, Ill.

"Intro Oral Methods of Local Anesthesia." (Moving picture demonstration.) (30 min.) By Rich H. Riethmuller, Philadelphia, Pa.

"Extra Oral Methods of Local Anesthesia." (Moving Pictures). By Kurt H. Thoma, Boston, Mass.

"Handling Emergencies under Anesthesia and Analgesia." By N. T. Yager, Louisville, Ky.

(These papers will be published in a later issue of The Journal).

Adjournment.

ILLUSTRATED LECTURE CLINICS.

Chairman—Wm. H. G. Logan, Chicago, Ill.
Vice-Chairman—C. N. Hughes, Atlanta, Ga.
Secretary—H. B. Tileston, Louisville, Ky.

The assembly for the presentation of illustrated lecture clinics was called to order by the chairman, Dr. Wm. H. G. Logan, on Wednesday, July 26th, at 9 A. M., at Keith's Theatre. The following clinicians were presented and gave their lectures:

Dr. Thomas P. Hinman, Atlanta, Ga.—

"Therapeutic treatment of pulp diseases when the vitality of the pulp cannot be retained, including the aseptic management of root canal treatment, having special reference to sterile condition of outside of tooth, rubber dam and holder, broaches and cotton employed in the application of remedies, not including the opening up or gaining access to constricted canals." (Motion pictures).

Dr. J. R. Callahan, Cincinnati, O.—"The technic of root canal filling with rosin and the opening of small and constricted canals."

Dr. R. Ottolengui, New York City—"The technic of root canal filling with guttapercha preparations." (Motion pictures.)

Dr. Henry Sage Dunning, New York City—"Indications and contraindications and technic of root end amputation."

Dr. J. D. Patterson, Kansas City, Mo. —"Indications and contraindications for treating teeth involved with pyorrhea alveolaris, including statements having reference to the various suggested remedies, including emetin—discussion not to include the technic of instrumentation or the care of the tooth surfaces by the dentists or patient."

Dr. Weston A. Price, Cleveland, O.—"Oral infections with special reference to bacteriology." (Motion pictures).

Dr. E. T. Tinker, Minneapolis, Minn.—"Bridge abutments for vital teeth with exhibition of radiographs showing conditions of periapical tissues after the lapse of time."

Dr. C. N. Johnson, Chicago, Ill. "Practice management, business investments and a dentist's duty to his profession."

(These lecture clinics will be published in a later issue of The Journal.)

Adjournment.

ORAL SURGERY CLINIC.

The Oral Surgery Clinics were given as published in the July issue of The Journal on page 299.

SECTIONAL PROGRESSIVE CLINIC.

The Sectional Progressive Clinics were given in every detail as published in the July issue of The Journal on pages 304-5-6.

PROCEEDINGS OF THE HOUSE OF DELEGATES

OF THE

NATIONAL DENTAL ASSOCIATION.

Held at Louisville, Kentucky, July 24-27, 1916.

FIRST SESSION—MONDAY, JULY 24, 1916.

THE House of Delegates met in the Seelbach Auditorium, Louisville, Kentucky, July 24, 1916, at 11 A. M., and was called to order by the President, Dr. Thomas P. Hinman, Atlanta, Georgia.

THE PRESIDENT announced the following Reference Committees:

CREDENTIAL COMMITTEE.

Waldo E. Boardman, Chairman, Massachusetts.
Arthur R. Melendy, Tennessee.
Fred R. Wilder, Kentucky.

SECTIONS AND SECTION WORK.

George R. Warner, Chairman, Colorado.
Henry Fowler, New Jersey.
W. H. Spinks, Southern California.

RULES AND ORDER.

A. C. Rich, Chairman, New York.
C. M. Kennedy, Iowa.
W. E. Van Brunt, Florida.

DENTAL EDUCATION.

Chalmer J. Lyons, Chairman, Michigan.
J. F. Biddle, Pennsylvania.
C. C. Allen, Missouri.

COMMITTEE ON LEGISLATION.

*S. D. Boak, Army Dental Corps.
J. M. Murphy, Texas.
C. M. Gearhart, District of Columbia.

COMMITTEE ON AMENDMENTS.

H. H. Johnson, Chairman, Georgia.
H. A. Maves, Minnesota.
Carl D. Lucas, Indiana.

*Resigned and H. J. Burkhart appointed to fill vacancy.

COMMITTEE ON REPORTS OF OFFICERS.

F. O. Hetrick, Chairman, Kansas.
B. L. Shobe, Oklahoma.
F. M. Casto, Ohio.

MISCELLANEOUS BUSINESS.

A. R. Ross, Chairman, Indiana.
B. B. McCollum, Southern California.
M. C. Smith, Massachusetts.

THE SECRETARY called the roll and the delegates and alternates who responded were regularly enrolled and entitled to seats in the House of Delegates.

THE PRESIDENT called for a report from the Committee on Rules of Order.

DR. A. C. RICH, Chairman, New York, stated that the Committee would respectfully report and move the adoption of the order of business as printed in the official program. Seconded and carried.

DR. HOMER C. BROWN, Ohio, Chairman of the Legislative Committee, requested that the report of this committee be postponed until tomorrow afternoon. The request was granted.

DR. WILLIAM H. G. LOGAN, Illinois, Chairman of the Committee on Clinics, submitted the official program as its report as it contained all the announcements and particulars about the clinics, with the exception that the illustrated lecture clinics would be held at Keith's

Theatre in the forenoon of Wednesday instead of the afternoon.

The Report of the Scientific Foundation and Research Commission was called for, but as the attendance was small and a great many desired to hear this report, Dr. Logan moved that the House of Delegates adjourn until 4:15 P. M., Tuesday. Seconded and carried.

The House of Delegates thereupon adjourned.

SECOND SESSION—JULY 25, 1916.

The House of Delegates met at 4:15 P. M., and was called to order by the President.

THE SECRETARY called the roll.

The minutes of the previous meeting were read and approved.

DR. CARL D. LUCAS, Indiana, was appointed a member of the Reference Committee on Amendments.

DR. FRED R. WILDER, Kentucky, reported for the Credential Committee that all of the credentials examined by the committee Monday were found correct and had been approved. Other than this the committee had no further report to make.

IT WAS MOVED and seconded that the report be accepted. Carried.

DR. HOMER C. BROWN, Ohio, Chairman of the Committee on Dental Legislation, presented the report of this committee.

REPORT OF THE LEGISLATIVE COMMITTEE.

To National Dental Association Officers and House of Delegates.

At the 1914 session of the National Dental Association, the House of Delegates unanimously approved the recommendations contained in the President's address relative to improving conditions for our representatives in the Federal service, referring particularly to the Army and Navy Dental Corps. The Legislative Committee, elected at that meeting, prepared a bill, embodying those features and presented this at the 1915 meeting of the House of Delegates, when it was again unanimously endorsed and the Committee was instructed to use its best efforts to further the proposed legislation.

During the past nine months a vigorous campaign has been conducted in behalf of correcting some of the injustices wherein our profession has been discriminated against. After we got this legislation well under way, the efforts of the Committee have been very generally supported by the officers of the National and the State Societies, as well as our members thruout the country. At a meeting of the Trustees in Cleveland, Ohio, Feb. 8th, the Committee's efforts were outlined by the Chairman and upon his request the General Secretary was directed to co-operate with the Committee in securing the support of the profession thruout the country. The result of this effort was very gratifying and stimulated a concerted interest that naturally had its effect. It has indeed been gratifying to note the willingness with which most of these men have done whatever has been requested of them. This also applies with equal force to many manufacturers and dental dealers, and in this public way the Committee desires to express its cordial appreciation for those who have rendered such loyal and splendid co-operation. In this we have probably been prompted to work some persons overtime, but in promoting such work as this there is every reason to call upon those who are not only willing to assist, but it is particularly fitting to call upon those who are in a position to render the most effective service.

Prior to giving a detailed report as to what has been secured, and in order to better understand the present conditions as compared with the former, it would seem in order to make a brief review of the history of the Army Dental Corps as follows:

In 1901 Congress passed an Act creating the first Dental Corps, consisting of thirty dental surgeons, under contract service, attached to the Medical Corps. To some it may be necessary to state that no military rank is granted under contract service, and the members of this Corps served in the capacity of contract dental surgeons for ten years. On March 3rd, 1911, Congress amended the Act of 1901 granting one commissioned grade, that of First Lieutenant, but provided for a probationary service of three years, as acting dental surgeon, prior to passing specified examination for commission. This also provided that all in the service at that time be commissioned without further professional examination. Further, the Dental Corps was placed upon a basis of one to one thousand of the strength of the army and the present law still retains this same relative propor-

tion. However, up to July 1st, 1916, the time when the Army Reorganization Bill went into effect, there were only seventy-eight members of this Corps, thirty-nine First Lieutenants and thirty-nine Acting Dental Surgeons.

With these preliminary statements we present the conditions under the provisions of the Army Reorganization Bill, approved June 3rd, 1916. The increase in the Corps will be very positive, but this is because the strength of the army has greatly increased. This will permit of calling into service approximately one hundred additional dental surgeons, when the full quota has been reached.

First, We recommended that a Dental Reserve Corps be provided, and this has been very satisfactorily accomplished in exact harmony with all other corps. That is, there is provision for an Officers' Reserve Corps and under this on Officers' Reserve Corps, Dental Section will be established. The age limit for this corps has not been definitely decided upon, but will be the same as the other corps in the Medical Department, approximately fifty-five years. Professional qualification and standing is quite essential, but there is no specific restriction as to number from any state or section. Members of this Corps will be commissioned as First Lieutenants of the Officers' Reserve Corps, Dental Section, but only with the distinct understanding that they are to respond to any call for service in time of war or during any pending National crisis. The Surgeon General will send at an early date a general circular to the dental journals, going more into detail in this matter, but the Legislative Committee feels that it is very important that many of the best men of our profession give such support and encouragement to this particular service as will seemingly best serve the interests of the War Department and the dental profession, as well as stimulate and strengthen the Army Dental Corps.

Second, We recommended two additional grades, and a head of the Corps, with the rank of Colonel. The two additional grades, with actual rank, were secured, that of Captain and Major After eight years of service as First Lieutenant, and after having passed the prescribed examination, promotion to the grade of Captain is provided. After sixteen years as Captain, promotion to the grade of Major follows, but unfortunately, the number of Majors is limited to fifteen. The Naval Dental Corps provisions, as passed by the Senate and now in conference, only requires five and twenty-years for promotion as compared to eight and twenty-four in Army provisions. All the data necessary to equalize the length of service in both Corps is now in the hands of Senator Pomerene with the hope that it may be incorporated in the Army Appropriation Bill, now before the Senate.

Third, We recommended that service heretofore rendered as dental surgeons, contract dental surgeons or acting dental surgeons be counted in computing length of service for promotion. In this we have finally been successful altho there was no specific provision carried in this bill for this purpose. We used every possible effort to have this clearly stated while the bill was before Congress, but it passed without definitely specifying this. However, we felt that a just interpretation would recognize all former service, and to that end we used our best efforts in acquainting those in high positions of authority with all the facts relating thereto. In this connection, Senator Atlee Pomerene has rendered most valuable assistance. A telegram from him Saturday afternoon advised of a favorable decision by the Comptroller of the Treasury (two adverse decisions had been previously rendered by the Adjutant General) also a special delivery letter was received from him at noon today, July 25th, containing a copy of the full decision, which is hereto attached. In referring to our second recommendation we should state that we specified the age for applicants to be from twenty-three to thirty, but unfortunately the former provision of twenty-one to twenty-seven was retained. However, an amendment to the Army Appropriation Bill was adopted when it was before the House, striking out the specific age provision for all those connected with the Medical Department, of which the Dental Corps is a part, and leaving this subject to a Department regulation. The Senate Committee did not approve this but our understanding is it was disapproved in order to work out a satisfactory solution thru the Conference Committee. In view of this, we do not think there is any question but what the age limit for the members of these various Corps in the Medical Department will be raised several years, possibly to a maximum of thirty-two to thirty-five.

We also recommended that the acting dental surgeon's service (contract service) be terminated, and it should be clearly understood that this has been accomplished. Under the present law an applicant for the Corps who satisfactorily passes the required examination will be commissioned as First Lieutenant without any reservation, but we believe in the interest of the efficiency of the service, a probationary period of two years similar to what we advocated in the Reserve Corps, would be a protection to the service and we believe the Department recognizes this. Further, we do not think the profession should in any manner do other than co-operate with them whenever they think best to attempt to improve the service in this manner, in fact, it may be done at this session thru a corrective provision incorporated in the Army Appropriation Bill, now before the Senate.

It may be interesting to many of you to know that the strongest opposition confronting the carrying out of our legislative program has been in securing actual rank and the recognizing of con-

BUILDING AND EQUIPMENT FUND.

Receipts.

Amount of subscriptions from July, 1914, to September 25, 1915	$ 1,398.39	
Amount of subscriptions from September 25, 1915, to June 20, 1916	26,682.00	
Total		$ 28,080.39
(Corrected to July 22, 1916, $30,240.00).		
Payments on subscriptions to June 20, 1916		$ 17,716.27
(Corrected to July 22, 1916, $18,947.37).		
Unpaid subscriptions, June 20, 1916		10,385.12

Disbursements.

Total amount paid on building and equipment to June 20, 1916	$15,510.22	
(Corrected to July 22, 1916, $18,415.72.)		
Cash on hand June 20, 1916	2,206,05	
Total amount collected for fund to June 20, 1916..		$ 17,716.27
(Corrected to July 22, 1916, $19,047.37).		

Land and Buildings.

Purchase price of property	$50,000.00	
Amount of cash and pledges to July 22, 1916	30,240.00	
Balance to raise		$ 19,760.00

Equipment.

Accumulated equipment, as per inventory:		
By purchase	$ 2,900.00	
Gifts to Institute	3,882.70	
Total		$ 6,782.70

TOTAL CONTRIBUTIONS AND GIFTS.

Research Fund.

Total cash and pledges, Sept., 1912, to July 22, 1916	$ 70,076.59

Building Fund.

Total cash and pledges to July 22, 1916	30,240.00

Equipment.

Special Donations to Institute	3,882.70
Total	$104,199.29

(Note—The increase of the last nine months is equal to that of the entire three preceding years. All pledges will soon expire—many of them next year and many are now paid in full. There will be some reduction in available maturing pledges as states put into effect the permanent, universal dollar plan.)

Endowment.

Equivalent endowment, July 24th, from the income of seventeen states, with about 5,000 members, that have adopted or taken preliminary action to provide $1.00 per member, yearly, for the Research Department, which, being the interest at 5% on $5,000 X 20=approximately	$100,000.00

Land and Buildings.

Lot on Euclid Avenue, 75½X250 feet. (Value without buildings, $45,000.00). Two brick buildings, residence and barn. (Cost $75,000.00). (Value on tax duplicate for 1916, $68,610.00). Cost	$ 50,000.00

Liabilities.

First mortgage	$ 27,000.00
Unpaid on second mortgage June 20, 1916	10,000.00
(Corrected to July 22, 1916, $7,250.00).	
Practically all bills are paid to date.	

Budget.

Fiscal year 1916-1917, as carefully estimated by the Trustees of the Institute and Research Commission:	
Continuation and enlargement of previous researches under grants in nine different cities; skilled research men for the Institute; maintenance, clerical, office expense, etc., etc...	$ 20,000.00

Available Assets for Next Year's Budget.

Receivable from past due and maturing pledges, gross $22,011.50, net about.	$10,500.00
Cash on hand July 22, 1916, to apply on fiscal current year	5,454.77
From Components already on dollar dues plan for research	5,000.00
Special cash contributions..	——?—

Respectfully submitted,

WESTON A. PRICE,

President of the Research Institute of the National Dental Association.

The report of the Acting Managing Director of the Research Institute will be published in the Research Department of the January issue.

DR. HERBERT L. WHEELER, New York, moved that the report be referred to the Reference Committee on Sections and Section Work. Seconded and carried.

DR. H. H. JOHNSON, Georgia, presented the following report for the Reference Committee on Amendments:

Your Committee on Amendments to the Constitution and By-Laws desires to make the following report:

WE MOVE that a new section be added to the By-Laws of the National Dental Association to be known as Section X of Chapter IV to read as follows:

SECTION X. If at the second session of the House of Delegates it be found that there are not enough regular and alternate delegates to fill the quota of any constituent society, the members of such society may meet and elect from members in attendance a sufficient number to represent them in the House of Delegates until such time as other regular or alternate delegates may arrive.

We respectfully recommend the above addition to the By-Laws (To lie over until Wednesday for action.)

DR. JOHNSON also reported for the committee the following amendment to the Constitution and By-Laws offered last year:

"The President shall be nominated and elected at the session held one year previous to his installation, and shall be known as the President-elect until he is installed."

In adopting the above amendment it will be understood that at the Louisville meeting two presidents will be elected, one to serve during 1916-17, the other to be installed at the 1917 meeting and to serve during 1917-18.

The House of Delegates at the meeting held in San Francisco, 1915, instructed the Board of Trustees to prepare this amendment.

DR. A. P. BURKHART, New York, moved, and Dr. Gallie, Illinois, seconded, that the amendment be adopted. Carried.

Secretary National Dental Association.

I respectfully submit my resignation as a member of the reference committee for legislative matters.

Respectfully,
S. D. BOAK.

VOTED that the resignation of Dr. S. D. Boak be accepted.

DR. H. J. BURKHART, New York, was appointed on the Reference Committee on Legislation in place of Dr. S. D. Boak, Ohio, who had resigned.

DR. HOMER C. BROWN, Ohio, moved that the House of Delegates adjourn until 4:30 P. M., Wednesday. Seconded and carried.

The House thereupon adjourned.

THIRD SESSION—JULY 26 1916.

The House of Delegates met at 4:30 P. M., and was called to order by the President.

THE SECRETARY called the roll.

The minutes of the previous meeting were read and approved.

THE ADDITION of a new Section, to be known as Section X, Chapter IV, of the By-Laws, proposed by the Reference Committee on Amendments at a previous meeting, was on motion of Dr. H. S. Seip, Pennsylvania, seconded by Dr. A. C. Rich, New York, taken up for action. Carried.

DR. HOMER C. BROWN, Ohio, moved the adoption of the amendment, which motion was seconded by Dr. Fred R. Wilder, Kentucky, and carried.

DR. GEORGE R. WARNER, Colorado, Chairman, presented the report of the Reference Committee on Sections and Section Work, and moved its adoption. Seconded by C. B. Warner, Illinois, and carried.

REPORT OF COMMITTEE ON SECTIONS AND SECTION WORK.

Louisville, Ky., July 26, 1916.

Your committee to whom has been referred the report of the Research Institute of the National Dental Association, beg leave to submit the following report for your consideration:

First.—We recommend that the House of Delegates do endorse the plan of organization of the Research Institute and will give all possible aid in the perfection of its plans and increasing efficiency.

Second—We recommend that the dues of the members of the National Dental Association be increased $1.00 per annum, which shall be applied to aid in the publication of The Journal of the National Dental Association.

Third.—We recommend that the dues of the members of the National Dental Association be increased $1.00 per annum (making in all an increase of $2.00 per annum) which shall be applied to aid the work of the Research Institute, provided however that the Board of Trustees shall be granted the power to extend the time of making effective the payment of this $1.00 for the Research Institute, in those States where local conditions may be such as to make the immediate enforcement inadvisable.

Fourth.—We recommend that great care be taken in the election of members of the Research Commission, so that only very active men shall be selected, otherwise the Research Department cannot possibly fulfill its great responsibility to the dental profession and humanity. That there is no room in the Commission for inactive material. That a skilled Managing Director be engaged for the Research Institute as soon as possible, giving all of his time to that work. That a broad policy worthy of each the dental profession and the need of humanity be adopted, which will provide both clinical study of pathological conditions related to oral infections and prepare men for rendering that service in hospitals and institutions of the country.

Signed:

G. R. WARNER,
HENRY FOWLER,
W. H. SPINK.

After some discussion, Dr. F. O. Hetrick, Kansas, moved that the report be laid on the table until the report of the Board of Trustees and the report of the Reference Committee on President's Address have been heard. Seconded by Dr. Emory A. Bryant, District of Columbia, and carried.

DR. H. J. BURKHART, New York, presented the report of the Reference Committee on Legislation.

REPORT OF LEGISLATIVE REFERENCE COMMITTEE.

To the House of Delegates, National Dental Association.

Your Legislative Reference Committee desires to make the following report:

Army Dental Corps.

First, a brief statement relative to conditions existing prior to the Army Re-Organization Bill June 3, 1916, were as follows:

The Army Dental Corps consists of thirty-nine First Lieutenants and thirty-nine Acting Dental Surgeons. This one grade of First Lieutenants is all that had been provided up to this recent legislation, since the creation of the Dental Corps under contract services in 1901.

Under conditions formerly existing the greatest number in the Corps has been seventy-eight. Under the provisions of the legislation recently passed by Congress the number will be increased by approximately one hundred, when the full quota is reached.

The status of our representatives in this service is very greatly improved since acting dental surgeons service (contract service) has been eliminated and two additional grades with actual rank have been provided, that is, the grades of Captain and Major.

Further, the services rendered as Contract Dental Surgeons and Acting Dental Surgeons is to be counted when computing length of service for promotion and other purposes. This very justly recognizes the services of the pioneer members of the Corps.

The Committee's efforts and success in stimulating a just decision in this connection, as well as securing actual rank for the members of this Corps is very commendable.

Under this Army Re-Organization Bill provision is made for an Officers' Reserve Corps, dental section, which places this Corps in exactly the same status as all other Reserve Corps. This has been one point the dental profession has been advocating for many years.

The Association approved, and the Legislative Committee, recommended a head of the corps with rank of Colonel. This was not provided, but the Surgeon-General of the Army has full authority, if he deems necessary, to detail a member of the corps to act as Head of the Corps.

Under a recent ruling, dental surgeons, in the event of being ordered into the field, will be entitled to "mounted pay."

Naval Dental Corps.

With reference to Naval Dental Corps legislation, we herewith incorporate the provisions as passed by the Senate in the Naval Appropriation Bill and now pending in Congress in the Conference Committee on Naval Affairs:

"That the President of the United States is hereby authorized to appoint and commission, by and with the advice and consent of the Senate, dental surgeons in the Navy at the rate of one for each one thousand of the authorized enlisted strength of the Navy and Marine Corps, who shall constitute the Naval Dental Corps, and shall be a part of the Medical Department of the Navy. Original appointments to the Naval Dental Corps shall be probationary for a period of two years and may be revoked at any time during the probationary period by the President: Provided, That the rank of such officers of the same date of appointment among themselves at the end of said probationary period shall be determined by the

recommendations of an examining board appointed by the Secretary of the Navy, which board shall conduct a competitive examination, based upon both service record and professional attainments, in accordance with such regulations as may be prescribed by the Secretary of the Navy, and the rank of such officers so determined shall be as of date of original appointment with reference to other appointments to the naval service: Provided, further, that all appointees to the grade of dental surgeon shall be citizens of the United States between twenty-four and thirty years of age, and shall be graduates of standard medical or dental colleges and trained in the several branches of dentistry, and who shall, before appointment, have successfully passed moral, physical, and professional examinations before medical and professional examining boards appointed by the Secretary of the Navy, and have been recommended for appointment by such boards.

"Dental Surgeons shall have the rank, pay, and allowances of lieutenants (junior grade) until they shall have completed five years' service. Dental surgeons of more than five but less than twenty years service shall, subject to such examinations as the Secretary of the Navy may prescribe, have the rank, pay, and allowances of lieutenant commander: Provided, That the total number of dental surgeons with the rank, pay, and allowances of lieutenant commander shall not at any time exceed ten.

"All officers now in the Dental Corps, appointed under the provisions of the Act of August twenty-second, 1912, entitled 'An Act making appropriations for the naval service for the fiscal year ending June thirtieth, 1913, and for other purposes,' including the officers appointed for temporary service, and all officers in active service appointed under the provisions of Act of March 4th, 1913, shall be appointed dental surgeons without further examination and without regard to the age qualifications herein prescribed: Provided, That the officers so appointed shall not be subject to the provisions herein prescribed for probationary service for a period of two years: Provided, further, That such officers shall, after appointment as herein prescribed, rank from date of commission and take seniority among themselves in the order of their original appointment by the Secretary of the Navy as shown on the Navy list on the date of approval of this Act: And provided, further, That no dental surgeon appointed in accordance with the provisions of this Act who on original appointment to the Dental Corps was over forty years of age shall be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in the line of duty.

"Dental surgeons who shall have lost numbers on the Navy list by sentence of court-martial or by failure upon examination for promotion shall be considered to have lost service accordingly for purposes of advancement in rank with increased pay and allowances.

Dental Reserve Corps.

"That a Navy Dental Reserve Corps is hereby authorized to be organized and operated under the provisions of the Act approved August twenty-second, 1912, providing for the organization and operation of a Navy Medical Reserve Corps, and differing therefrom in no respect (except as may be necessary to adapt the said provisions to the Navy) other than that the qualification requirements of the appointees shall be dental surgeons and graduates of reputable schools of medicine or dentistry instead of 'reputable schools of medicine,' and so many of said appointees may be ordered to temporary active service as the Secretary of the Navy may deem necessary to the health and efficiency of the personnel of the Navy and Marine Corps, provided the whole number of both Naval Dental Corps and Naval Dental Reserve Corps officers in active service shall not exceed in time of peace, one to one thousand of the officers and enlisted men of the Navy and Marine Corps; Provided, That all officers now in the Navy Medical Reserve Corps and the Navy Dental Reserve Corps shall be recommissioned respectively in the Navy Medical Reserve Corps as established under the provisions of the Act of August twenty-second, 1912, and in the Navy Dental Reserve Corps provided in this Act, in the order of their original appointment in said Corps, and hereafter when ordered to active duty they shall receive promotion in rank in the respective Reserve Corps under the same relative conditions and provisions of active service as is provided in this Act for the Naval Dental Corps."

Your Reference Committee commend the action of the Legislative Committee in incorporating the same provisions regarding promotion, pay and allowances for the Navy Medical Reserve Corps, as was provided for the Navy Dental Reserve Corps.

Your Reference Committee recommends that the Chairman of the Legislative Committee be directed to furnish the Secretary of the National Dental Association for publication at the earliest possible date in connection with the Legislative Committee's report, such data as may develop at this session of Congress in connection with passed and pending dental legislation.

H. J. BURKHART, Chairman,
J. M. MURPHY,
CLYDE M. GEARHART,
Secretary,
Reference Committee on Legislation.

DR. A. C. RICH, New York, moved that the report be received and adopted. Seconded by Dr. W. E. Van Brunt, Florida, and carried.

DR. H. E. FRIESELL, Pennsylvania, Chairman, presented the report of the standing committee on Dental Education.

REPORT OF COMMITTEE ON DENTAL EDUCATION.

Numerous movements have been carried on during the past year that give much encouragement to those who are interested in the advancement of dental education.

The beginning of the four years course in 1917 is assured, the states of Pennsylvania and New York, and possibly others, have enacted laws requiring the same; practically all of the schools have announced their intention to take this step at that time; and certain institutions, Ohio State University and the University of Minnesota, will require the four years course this fall.

A curriculum for the lengthened course has been prepared and at this time has been adopted by a large number of the schools.

The work of the Joint Tabulation Committee of the National Association of Dental Examiners and the National Association of Dental Faculties is doing much to spur the schools to introspection, and more thoro work.

The Dental Educational Council has completed its survey of all the schools, and at its meeting this week will adopt a standard by which the schools may be classified and properly rated according to the work they are accomplishing. A symposium on Dental Education will be presented in the General Session, and will give much interesting information regarding the present status of the subject and suggest the lines upon which it may best be improved.

One point that has been found especially troublesome by the Educational Council is the matter of entrance requirements and their evaluations. Many states do not require any specified education preliminary to matriculation for the dental course. The National Dental Association should place itself upon record as demanding a full four years' high school course, prior to entrance to the freshman year in the dental course; no condition at entrance should be permitted. The only equivalent accepted should be the passing of bona fide entrance examinations conducted by an entrance board or entrance examiner, who shall be acceptable either to the Dental Educational Council or the National Dental Association. The evaluation of high school certificates should be done by an official who is in no way connected with the dental school, and who also should be acceptable to the bodies mentioned.

The National Dental Association is now sufficiently well organized to justify it in exerting a more active influence in the development of dental education.

You Committee recommends that two hundred dollars be appropriated by the House of Delegates to the Dental Educational Council. A similar amount was authorized last year.

Respectfully submitted,

THE COMMITTEE ON DENTAL EDUCATION.
H. E. FRIESELL, Chairman.
C. C. ALLEN,
S. W. BOWLES,
F. W. GETHRO.
L. M. WAUGH.

DR. L. L. BARBER, Ohio, moved that the report be referred to the Reference Committee on Dental Education. Seconded and carried.

DR. EDWARD S. GAYLORD, Connecticut, Chairman, read the report of the Committee on National Relief Fund.

REPORT OF COMMITTEE ON RELIEF FUND FOR 1915-1916.

Your Committee submits the following report:

We have received during the past year, from subscriptions, pledges, and sale of Christmas Seals	$1727 62
Expenditures for Stationery, Postage, etc.	192 60
Total amount in the Treasury, bearing interest @ 4%	$13235 41

National Relief Fund.

On deposit @ 4 per cent. Compounded Semi-Annually in Lincoln National Bank Rochester, N. Y.	$ 5744 35
On deposit @ 4 per cent. Compounded Semi-Annually in Holston National Bank, Knoxville, Tenn.	5908 44
On deposit in Huntington County Bank, Huntington, Ind.	1582 62
Total Relief Fund	$13235 41

In our report last year, we presented to you in detail a plan of co-operation thru the several State Societies, by the appointment of Sub-Committees in each State who should become more immediately in touch with their members, than found possible by your General Committee; and also from the fact the work of solicitation among our large membership has become so great, it is quite impossible to be conducted except thru the office of our General Secretary.

By your vote of approval of the scheme, we opened correspondence with the presiding officers of forty-seven state societies, including the Hawaiian Islands, Philippine Islands, and Porto Rico. Thirty states accepted appointments, eighteen made no response, but we hope future correspondence will enable us to be represented in all our Components. In several states good work has been done, and several hundred dollars added to the

fund; a full list of all contributions, with name of contributors, will hereafter appear in The Journal, and it is our purpose to continue these reports quarterly.

We must now appeal for more real interest and concerted effort, if we are to establish a fund by which we may in some measure give relief to those of our members who are so sorely in need, and look to this fund for assistance.

At this point we would call attention, and correct the too prevailing impression this is a fund solely for the relief of our indigent members. We would not minimize our obligations to those who for long years of faithful service, have paved the way for their profession to occupy a higher plane than would have been possible without such pioneer effort, too many of these old men have received meager help, by passing the hat among a few appreciative patients and friends, when with a fund such as we are striving to establish, their declining years might have been a joy rather than the possible thought that they were forgotten. Many of our older men can recall these cases, and we are still drifting in the same direction, with every means at our hand, save interest, to create a sufficient sum to not only care for the aged and infirm, but by your unanimous action last year, indorsing the recommendation of your committee to conform to this age of progression, and include members who by accident or sickness, are unable to support themselves and those dependent on them.

In this connection we would call attention to the many organizations in our land who have either relief funds or established homes for their unfortunate members, even the Labor Unions among us are not neglectful of this duty.

We say we have every means at hand except interest; now let's arouse ourselves to the extent elicited in other directions, and our hearts shall soon be glad, in the fact that we have protection in fair measure for old or young, bearing in mind this fund is immediately available for sufferers from fire or flood, obviating the necessity as has been done, to issue a call for contributions for relief, as we have a sufficient amount now in the fund to meet such an emergency. We may all join in the hope, however, occasion for such appeal will not appear.

Nineteen hundred thirteen was our initiatory year with the especially designed Christmas Seals, during this, and the subsequent year, some criticism was induced among our members as this being an encroachment in the field of the Red Cross; so far as pertains to our professional family, this is seemingly true; but is it possible the argument shall hold, and men are unwilling to give to Red Cross and our own household also when the dollar given in each case goes directly for the relief of human suffering? Yet your Committee is compelled to confess, out of nearly thirteen thousand packages, each containing one hundred seals, at one cent each, less than 3% were accepted and paid for. In very many cases they were returned without signature, and others saying they had no use for them, notwithstanding the carefully worded explanatory letter enclosed.

This, with the amount of labor and expense involved, proved so discouraging, we declined to order more seals printed, and those sent out last year thru our General Secretary's office were those left on hand from the first year.

As every cloud has its shadow, we believe our dark days have passed, as Dr. King gives a most enthusiastic report of the reception by our members, of the few remaining seals sent out last year, which has stimulated a large order to the printers, so we have now on hand sufficient number to supply our increased membership a package of one hundred each, to be delivered thru the mail early in November.

This calls for only one dollar each, and we would emphasize every sentence in this report, to convince our now overwhelming membership we have the means at our immediate command, for the small sum annually, of one dollar per member, to in less than five years, have gathered together a fund of which every member shall be proud; having the full assurance hereafter, our members are cared for; and in many ways this large fund as it is destined to become, can be advantageously employed to our great benefit.

Briefly then, our purpose is, to supply our members with one dollar's worth of these seals annually, thus creating a popular interest in our endeavor, and relying upon large returns. A brief appeal will accompany every package of seals. We ask prompt acknowledgment by check or currency, to our General Secretary, Dr. Otto U. King, Huntington, Ind.

L. G. NOEL,
W. T. CHAMBERS,
JAMES McMANUS,
E. S. GAYLORD, Chairman,
Committee.

DR. A. C. RICH, New York, moved, and Dr. George N. West, Illinois, seconded, that the report be adopted.

After discussion by Drs. William Conrad, Missouri; Donald M. Gallie, Illinois, and A. C. Rich, New York, the motion to adopt was put and carried.

DR. J. V. CONZETT, Chairman, Iowa, read the report of the committee from the Educational Council of America, which was referred to the Reference Committee on Dental Education.

REPORT OF EDUCATIONAL COUNCIL OF AMERICA.

Louisville, Ky., July 25th, 1916.

The National Dental Association.

Gentlemen:—Pursuant to instructions from the Dental Educational Council of America at its session today, I beg to report:

"That the survey of the Dental Schools of the United States is now completed and that a detailed report on each school is on file in the Secretary's office. These reports show that all of the schools have been inspected, each with respect to the character of its organization, building, administrative policy, equipment, facilities for instruction, faculty, curriculum, and results of State Board examinations. The limits of this report will not permit me to give you the detail of these surveys, because the report on each school is somewhat lengthy. This information, however, will be supplied by printed copies, to be furnished each member of the Educational Council as soon as possible.

It has taken three years to do this work. Some of the schools were inspected in 1914, some in 1915, but the heaviest part of the work has been done in 1916. As a direct result the Birmingham Dental College of Birmingham, Ala., and the Barnes Dental College of St. Louis, Mo., have ceased operation. The Western Dental College has just recently been entirely re-organized, and we are informed all of its stock has been transferred to the Alumni Association of that School. Many schools have added to their buildings and equipment, improved their faculties and rearranged their curriculum, all of which has been accomplished quietly and without confusion. In spite of all this, it is true that schools are still operating whose management and equipment are far from being ideal and that there is room for improvement must be admitted. One of the principal reasons why some schools find it difficult to maintain proper educational standards is their financial inability to afford the best courses. But, even in this respect, great improvements may be looked for in the near future in all of our dental schools, because such improvement is necessary in order to keep pace with the general upward tendency in professional schools. It is a conservative statement to say that since the organization of the Council five years ago the improvement in dental schools inclined to be lax has been marked. In this connection it should be remembered that the first two years of our existence was consumed in perfecting our organization, and in setting the machinery necessary to do this work into motion. It may seem that three years is a long time in which to make a survey of every Dental School in the United States. It should, however, be borne in mind that one of the reasons for this admittedly slow progress was due to a lack of funds. The Treasurer's financial report for this year, however, now shows a balance cash on hand and with the Tax levied by the National Association of Dental Faculties of 10c per student, based upon the attendance for the session of 1915 and 16, and with what we hope the National Dental Association will contribute toward this fund, together with another tax of 10c per student, which will be asked for from the Faculties Association next year, and possibly another contribution from the National Dental Association next year, we should be able by practicing strict economy to reinspect all Dental Schools beginning with October, 1917, and during the Spring of 1918. A classification of schools should not be undertaken at this time nor next year because such a classification would have to be based upon the three year course, now offered in all Dental Schools. This delay is to be regretted, but is nevertheless necessary in order to justly grade and classify schools based upon the four year course. It is therefore somewhat a question of procedure, and with this thought in mind I have prepared as a basis for your consideration what I regard as a proper standard for this Council to adopt as a minimum requirement for a Class A Dental School. Everywhere Deans have asked for information as to what is meant by a Class A Dental School and it is only logical that the Dean of each school should be given information as to our requirements and giving them a sufficient amount of time in which to meet these. If this body should decide to give each school one year's time for preparation then the effect of this would be that no schools would be visited until after October 1st 1917, which you will recall is the beginning of the four year course, and during the Spring of 1918 to the end that when the Council holds its 1918 meeting a rating and classification of all dental schools in the United States may be made.

Of course, by crowding matters the classifying and rating of Dental Schools could be done at the annual meeting of the Council in 1917, but in view of the change from a three to a four year course which becomes effective in 1917, I believe it would be worth while, and would yield the best results, if a re-inspection of the schools were made during the first year of the four year course, and that the rating and classification of all schools be based upon the minimum requirements for a Class A four year dental course.

With this as a preliminary statement I respectfully submit the following as a basis for a minimum requirement for a Class A four year dental course.

Minimum Requirements for Class "A" Dental Schools. Dental Educational Council of America.

1. The administrative policy of the School must be satisfactory to the Dental Educational Council

of America. The Dean or other executive officer must hold and have authority to carry out fair ideals of Dental education, including quality of faculty.

The value of the building and equipment (grounds excluded) must be equal to at least $300.00 for every student enrolled.

The School must have facilites and equipment for at least 100 students.

2. The requirements for the entrance shall consist of fifteen units of High School work, beyond the 8th grade of the elementary schools, or the equivalent. No conditions on entrance may be allowed. The officer conducting the entrance examinations must not be connected with the College, and must receive this appointment from some other body than the College.

The entrance credentials of each student enrolled must be kept on file and open to general inspection, until after graduation. Not later than sixty days after the opening of School the Dean shall send to the Secretary of the Dental Educational Council, and to the Secretary of the local State Board of Dental Examiners, a complete list of the students enrolled, together with a sworn statement that each student is possessed of the entrance qualifications outlined above.

Medical School graduates from schools approved of by the American Medical Association may be admitted to the Sophomore class. No other advanced credit in time may be given in any other cases than as above specified. No special students shall be accepted unless they are in possession of the entrance requirements specified above. No special students shall be eligible to receive degrees.

3. Beginning with the session 1917-18 the course must be four years in length, each year to consist of 32 weeks and six days in each week. No degrees other than Doctor of Dental Surgery, D. M. D., or Doctor of Dental Science may be given, Dental subjects must be taught thruout the entire four years. Schools who offer three-year course with one year of College work as a prerequisite shall not be regarded as satisfactory.

The School must offer a course of at least 4400 hours laboratory and didactic instruction.

The minimum hours devoted to each branch shall be as follows:

Operative and Clinical Dentistry	1300
Prosthetic Technics	384
Crown & Bridge Technics	320
Operative Technics	160
Dental Anatomy	64
Orthodontia	96
Oral Surgery	96
Physics, Biology or both	192
Chemistry (Inorganic-organic-physiological-metallurgy)	320
Technical Drawing	48
Anatomy	320
Histology	128
Pathology (General and Dental)	128
Materia Medica	64
Bacteriology	128
Physiology	128
English	96
Physical Diagnosis Anesthesia	32
Radiology	16
Jurisprudence History, Ethics, Economics	32
Additions to above, or other subjects	348
Total	4400

4. The classes in Dentistry must be taught separately from the classes in any of the other departments if the Dental School in question is part of a University.

The patronage of the Infirmary clinic must be such as to give each student at least 150 operations in fillings (gold, inlay, amalgam, cement, root fillings, etc.) prosthetic work, and orthodontia. Treatments preparatory to the above, and cases of exodontia must not be included in the number stated above.

In the Anatomical Laboratory not more than six students may be assigned to one cadaver.

Every twenty students working in the Infirmary at any given time must have the undivided services of at least one demonstrator.

Every thirty students working in the scientific laboratories must have the undivided services of at least one instructor.

Every 40 students working in Technic Laboratory must have the undivided services of at least one instructor.

All Faculty members must be appointed only because of their ability as teachers and for no other reason.

5. The School must be possessed of the following number of laboratories and class rooms, equipped in the following manner:

One chemical Laboratory equipped to adequately teach Qualitative, Quantitative, General Inorganic and Organic Chemistry and Physiological Chemistry.

One Microscopical Laboratory equipped with sufficient high power microscopes so that each student may be possessed of the use of a microscope when he is working in the Laboratory.

Sufficient Class Rooms—at least one of which must be equipped with a lantern for projection.

Sufficient Technic laboratories so that each student in attendance is provided with an individual place for laboratory work.

A dental infirmary equipped with as many chairs as there are students in the senior class. An efficient equipment for sterilizing students' instruments must be provided.

An X-ray outfit for use in conjunction with the Dental Infirmary.

A Library constantly available to the students, which shall have at least twice the number of

volumes as there are students enrolled in the school.

6. The School must not have more than 25% failures before the various State Boards more than two years in succession.

7. The record of attendance of students must not be less than 85% for each year.

Adopted by Educational Council July 24, 1916.

Respectfully submitted,

HENRY L. BANZHAF, Secretary.

July 25, 1916.

FINANCIAL REPORT OF THE TREASURER OF THE DENTAL EDUCATIONAL COUNCIL OF AMERICA,

From July 1st, 1914, to July 20th, 1916.

Receipts.

July 1, 1914, Cash on hand	$ 549 36
Nov. 18, 1914, From National Ass'n Dental Faculties	111 75
Nov. 20, 1914, From National Ass'n Dental Faculties	22 05
Jan. 20, 1915, From National Dental Association	200 00
1916, From National Ass'n Dental Faculties	666 10
May, 1916, From National Dental Association	200 00
Total	$1749 26

Disbursements.

July 2, 1914, To H. E. Friesell..	$ 104 25	
Nov. 20, 1914, To Herbert Wheeler	128 35	
Jan., 1915, To H. L. Banzhaf..	258 75	
May 13, 1915, To Abbie A. Brown, Steno.	2 65	
June 11, 1915, To Herbert Wheeler	29 75	
Aug. 19, 1915, To Geo. N. West	120 00	
Nov. 19, 1915, To Geo. N. West	30 90	
June 15, 1916, To Geo. N. West	35 50	
July 10, 1916, to Gertrude Harper, Steno.	7 65	
July 15, 1916, To Geo. N. West	25 00	
May, 1916, To H. L. Banzhaf..	268 50	
July 17, 1916, To Frances Steinbrecher, Steno.	30 50	
July 19, 1916, To. Geo. N. West	12 00	

Petty Cash.

June 11, 1915, To Abbie A. Brown, Steno.	2 50	
Sept. 9, 1915, To Abbie A. Brown, Steno.	4 15	
To Postage, Stationery and telegrams for two years....	21 65	
Total	$1082 10	$1082 10
July 20, 1916, Cash on hand...		$ 667 16

At this juncture, the first vice-president, Dr. H. B. Tileston, Kentucky, took the chair and called for the report of the Reference Committee on Reports of Officers.

DR. F. M. CASTO, Ohio, a member of the Reference Committee on Reports of Officers, presented the report, and on motion, duly seconded and carried, the report was laid upon the table until the Board of Trustees had presented its report.

REPORT OF THE REFERENCE COMMITTEE ON THE PRESIDENT'S ADDRESS.

The Committee begs to submit the following report:

The Committee heartily endorses most of the recommendations made by the President in his address and feels that this body should commend him most highly for the comprehensive and intelligent manner in which he has presented the subjects. The address shows that he has studied carefully and been closely in touch with all of the various activities of the National Dental Association.

Standardization.

We believe in the standardization of methods in so far as it is possible and practical in dealing with variable tissues. To that extent, therefore, we endorse standardization.

Dental Colleges.

We endorse in general the proposition of dental colleges as presented by the President.

National Relief Fund.

The Committee is in full accord with the National Relief Fund and believes that every impetus should be used to increase this fund as rapidly as is possible.

National Dental Journal.

In fulfillment of the promise given its members by the National Dental Association that a journal be published, we recommend that an amendment to the Constitution and By-Laws be offered at this session in the House of Delegates to raise the dues, $1.00 per year, per member, and that this amendment be acted upon before final adjournment. We believe that the work and progress of the National Dental Association are being handicapped by the infrequent issues of The Journal.

The Legislative Committee.

As the report of the Legislative Committee has already been made and received by the House of Delegates and has been referred to a special Reference Committee, we offer no recommendations.

The Research Institute.

In reference to changing the Constitution and By-Laws in order that $1.00 per year, per member,

may be added to the dues for the Research Institute, we recommend that an amendment to the Constitution and By-laws be offered at this session in the House of Delegates to raise the annual dues $1.00 per year per member, for the support of the Research Institute, and that such action be taken before final adjournment. We also recommend that the Trustees of the National Dental Association shall be empowered to make special arrangements with any state, where for any reason the adoption of this amendment by such state would be prevented and therefore cause such state to forfeit its membership in the National Dental Association.

Oral Hygienists.

The Committee endorses the provision being made in several states for the licensing of Oral Hygienists or Dental Nurses.

Oral Hygiene.

In regard to Oral Hygiene the Committee recommends that the matter of writing a Standard Text Book on Oral Hygiene be placed in the hands of the Oral and Dental Hygiene Committee of the National Dental Association, with the request that they secure a proper person or persons to write a book on this subject. Such book as may be written to be edited by a Special Committee appointed by the President with instructions to report back to the House of Delegates for final action.

Memorial

In reference to the Memorial for Dr. Green Vardiman Black of Chicago, the following request has come to this committee and we recommend that the provisions of the same be carried out, and that a Special Committee of five be appointed by the President to have the matter in charge.

"The Morgan County Dental Society of Illinois requests the Committee on the President's Address, to recommend to the House of Delegates that the Dr. Green Vardiman Black memorial be located in Jacksonville, Ills., this city being near to Dr. Black's birthplace and for thirty-five years his home. It was here where most of his active and productive life was spent."

Respectfully submitted,

ALPHA B. APPLEBEE, Secretary.
Morgan County Dental Society.

Membership Certificates.

With regard to membership certificates, we recommend that the size and form of the official receipt be enlarged, and that this shall replace the annual membership certificate and card.

Membership Button.

Until such time as there is provision made in the Constitution and By-Laws of the National Dental Association for life membership we recommend that nothing be done regarding permanent membership buttons.

Preparedness League.

The Committee approves the object and plan of organization of the Preparedness League of American Dentists, and recommends that the organizers and trustees of the league continue in office and have charge of the affairs of the league, until its organization is complete. They to work in conjunction with a Special Committee of five, from the National Dental Association. Such committee to be nominated by the Board of Trustees.

Reciprocity in Dental License.

Since there is already in effect a form or reciprocity between many of the states, which waives the theoretical examinations and since such reciprocity is at the discretion of Board of Dental Examiners, the Committee would therefore recommend that until such time as the examinations and requirements of applicants be standardized and in harmony, one state with the other, or until such time as there may be established a Federal Governing or Examining Board, which may have jurisdiction over all of the states, that nothing be done by the Legislative Committee of the National Dental Association. Any work of this nature being considered by the Committee as useless and hopeless under the present status.

Respectfully submitted,

F. O. HETRICK,
B. L. SHOBE,
F. M. CASTO,
Committee.

Under the head of "New Business," Dr. F. O. Hetrick, Kansas, offered the following resolution and moved its adoption, which motion was seconded by Dr. L. L. Barber, Ohio, and carried:

RESOLVED, By the House of Delegates of the National Dental Association in annual session assembled, That the President and Secretary of this Association be hereby directed to draft suitable telegrams and to send same at the earliest possible moment to Senator H. C. Lodge, United States Senate, and to Hon. L. P. Padgett, Chairman House Naval Committee, urging the passage by Congress of the provisions for a Dental Corps and Dental Reserve Corps now incorporated in the Naval Appropriation Bill pending in conference between the Senate and House.

NOTICE was given of an amendment to the Constitution, which is to be acted

on at the next session regarding the increase of the annual dues from one dollar to two dollars.

DR. J. P. WAHL, Louisiana, extended an invitation from the Louisiana State Dental Society, the Governor of Louisiana, the Mayor of New Orleans and component societies for the National Dental Association to meet in New Orleans at some future date, preferably 1918.

The invitation was referred to the Committee on Transportation and Place of Session.

ON MOTION, duly seconded and carried, the House of Delegates adjourned to meet at 4:15 P. M., Thursday.

FOURTH SESSION—JULY 27, 1916.

The House of Delegates met at 4:30 P. M., and was called to order by the President.

THE SECRETARY called the roll.

The minutes of the previous meeting were read and approved.

The election of officers being the next order of business, the president appointed the following tellers: Dr. J. M. Murphy, Texas; Dr. C. L. Alexander, North Carolina; Dr. G. A. Crise, Kansas; Dr. J. Clay Hassell, Alabama, and Dr. J. F. Biddle, Pennsylvania.

ELECTION OF OFFICERS.

President—LaFayette L. Barber, Toledo, Ohio.

President-elect—Wm. H. G. Logan, Chicago, Ill.

First Vice President—A. P. Burkhart, Auburn, N. Y.

Second Vice President—M. E. Vance, Lincoln, Neb.

Third Vice President—H. Clay Hassell, Tuscaloosa, Ala.

General Secretary—Otto U. King, Huntington, Ind.

Treasurer—Arthur R. Melendy, Knoxville, Tenn.

(Nominated by the Board of Trustees and elected by the House of Delegates.)

ELECTION OF TRUSTEES.

District No. 1, Dr. Waldo E. Boardman, Boston, Mass.

District No. 3, Dr. Clarence J. Grieves, Baltimore, Maryland.

District No. 5, Dr. Marcus L. Ward, Ann Arbor, Mich.

THE SECRETARY read the report and recommendations of the Board of Trustees.

To the House of Delegates:

The Board of Trustees desire to submit the following report:

MEMBERSHIP.

The membership of the National Dental Association, as shown by the Secretary's report to the House of Delegates on July 7, 1914, was 11,883. The Secretary's report of August 20, 1915, showed a membership of 14,424, while the report submitted of July 3, 1916, shows a membership of 18,112. The net increase for the current year is approximately 4,000 new members.

FINANCIAL REPORT.

Total receipts for the year, ——— $24,780.80; total disbursements, $19,486.74; cash balance on hand, $5,294.06.

The Board desires to make the following nominations on the standing committees:

JUDICIAL COUNCIL.

T. L. Grisamore, Chairman, 29 E. Madison St., Chicago, Ill.

J. R. Callahan, 717 Gwynne Bldg., Cincinnati, Ohio.

R. Ottolengui, 80 W. 40th St., New York City.

Victor S. Jones, Bethlehem, Pa.

Wm. F. Sharp, 350 Post St., San Francisco, California.

DENTAL EDUCATION.

The Board nominates Henry L. Banzhaf, Milwaukee, Wis.. to serve as a member of the Committee on Dental Education for a term of five years.

The committee will be as follows:

H. E. Friesell, '19, Chairman, 1206 Highland Bldg., Pittsburgh, Pa.

Leuman M. Waugh, '18, Secretary, 576 Fifth Avenue, New York City.

Chas. C. Allen, '17, 10th & Troost, Kansas City, Mo.

Henry L. Banzhaf, '21, 1207 Wells Bldg., Milwaukee, Wis.

Fred W. Gethro, '20, People's Gas Bldg., Chicago, Ill.

DENTAL LEGISLATION.

Dr. Herbert L. Wheeler, New York City, be reappointed to serve for the five year term, and that Dr. J. A. West, Des Moines, Ia., be appointed to serve for the unexpired term of the late Dr. Koch, Illinois, so that the Legislative Committee would consist of:

Homer C. Brown, '19, Chairman, 609 Hartman Bldg., Columbus, Ohio.

C. B. Gifford, '18, Secretary, Taylor Bldg., Norfolk, Va.

A. O. Ross, '17, 807 N. High St., Columbus, Ohio.

Herbert L. Wheeler, '21, 560 Fifth Ave., New York City.

J. A. West, '20, Des Moines, Ia.

COMMITTEE ON TRANSPORTATION AND PLACE OF SESSION.

To be reappointed:

D. C. Bacon, Chairman, 31 N. State St., Chicago, Ill.

Jos. D. Eby, 4th National Bank Bldg., Atlanta, Ga.

Max M. Eble, Starks Bldg., Louisville, Ky.

Roscoe A. Day, 1225 Washington St., Oakland, Cal.

Howard S. Seip, 721 Walnut, Allentown, Pa.

LAW COMMITTEE.

The Board recommends that the Law Committee be re-created and that the following be appointed to serve on this committee:

C. B. Warner, Urbana, Ill.; H. C. McKittrick, Indianapolis, Ind. and C. O. Simpson, St. Louis, Mo.

RELIEF COMMITTEE.

The Board recommends that the members of the Relief Committee be reappointed:

Edw. S. Gaylord, Chairman, New Haven, Conn.

L. G. Noel, Nashville, Tenn.

Wm. T. Chambers, Denver, Colo.

James McManus, Hartford, Conn.

ORAL AND DENTAL HYGIENE COMMITTEE.

The Board recommends that the Committee on Oral Hygiene be reappointed:

Chas. H. Oakman, Chairman, Detroit, Mich.

J. D. Patterson, Kansas City, Mo.

L. G. Mitchell, Oklahoma City, Okla.

H. F. Hoffman, Denver, Colo.

B. S. Hert, Rochester, N. Y.

EDUCATIONAL COUNCIL OF AMERICA.

The Board also recommends that the five members from the National Dental Association on the Educational Council of America be reappointed:

J. V. Conzett, Chairman, 256 Thirteenth St., Dubuque, Ia.

Louis Meisburger, 85 North Pearl St., Buffalo, N. Y.

Arthur R. Melendy, Holston National Bank Bldg., Knoxville, Tenn.

LaFayette L. Barber, 718 Spitzer Bldg., Toledo, Ohio.

George N. West, 32 North State St., Chicago, Ill.

The Board also recommends the following:

"We feel that while the conditions of the Army Dental Corps have very materially improved, they are still behind other professional Staff Corps, even the Veterinarians, who get one hundred per cent Majors after twenty years' service, while the Dental Corps of the Army are limited to eight per cent after twenty-four years' service. Conditions that developed in the discussion of the Army Bill in the Senate showed that they were willing to give the Dental Profession equality with the Medical Profession, but a majority of the Senators were not familiar with the law governing promotion in the Medical and other Staff Corps, as was evident by the statement 'that they were opposed to giving the Army Dental Corps more than the other Staff Corps.'"

In view of this fact, we submit the following draft for the approval of the House of Delegates, to be used as a basis of an Educational Campaign, to be conducted by the Association of Military Dental Surgeons thru each State Society. This draft is brief, easily understood and avoids any question of working at cross purposes. The result of this Educational Campaign should be to have the members of the various State Societies thoroly familiar with the aims of the Profession and thus be ready to give intelligent aid when called upon by the National Dental Association to assist in securing legislation when the opportune time arrives.

"The Dental Corps of the Army should consist of commissioned officers in the several grades as authorized by the Medical Corps, who shall have the same rank, pay and allowances as officers of corresponding grades of the Medical Corps, including the right to retirement as in the case of other officers, and there shall be for every seven officers of the Medical Corps authorized by law, one officer of the Dental Corps. Dental officers shall be proportionately distributed among the several grades, as in the Medical Corps, and their promotion shall be governed by the laws governing promotion in the Medical Corps: PROVIDED, that examining and review boards shall consist of one Medical and two Dental officers. Immediately following the approval of this Act, all Dental Surgeons then in active service shall be recommissioned in the Dental Corps, in grades herein authorized, in the order of their seniority, and without loss of relative rank in the Army."

TREASURER.

The Board nominates for Treasurer, Dr. Arthur R. Melendy, Knoxville, Tenn.

SCIENTIFIC FOUNDATION AND RESEARCH COMMISSION.

The Board nominates the following members of the Scientific Foundation and Research Commission:

Dr. Donald M. Gallie, Illinois, to fill the unexpired term of Dr. Arthur D. Black; Dr. Harold DeWitt Cross, Boston, Mass., to fill the vacancy of Dr. W. T. Farrar. Dr. Thos. B. Hartzell, Minneapolis (to serve until 1921); Dr. J. M. Murphy, Temple, Texas, (to serve until 1921); Dr. H. J. Burkhart Batavia, N. Y. (to serve until 1921); Dr. C. C. Allen, Kansas City, Mo., (to serve until 1921); Dr. B. B. McCollum, Los Angeles, Cal. (to serve until 1921).

The Board of Trustees recommend to the House of Delegates an amendment to Article XI, Section 1, to read as follows: The Annual dues of this Association shall be $2.00, payable January 1st for the ensuing year.

The Board of Trustees further recommend the following amendment to Article XI, Section 1: The Annual dues shall be $3.00, $1.00 to go to the Research Department (this amendment to lie on the table until next year).

G. V. BLACK MEMORIAL COMMITTEE.

The Board of Trustees recommend that the memorial to Dr. G. V. Black be indorsed and that the matter of location of the memorial be left to the committee appointed by the Illinois State Dental Society. President appoints:

Wm. H. G. Logan, Chairman, Chicago, Ill.
C. N. Johnson, Chicago, Ill.
T. L. Gilmer, Chicago, Ill.
F. B. Moorehead, Chicago, Ill.
E. K. Blair, Waverly, Ill.

The Board of Trustees recommended that the Slogan for 1917 be 25,000 members.

THE PRESIDENT reminded the House of Delegates that there were two other reports that came up simultaneously with this report, which were laid on the table until this report was read, one the Report of the Committee on President's address, and the other a report from the Research Commission.

DR. HERBERT L. WHEELER, New York, moved that the Report of the Board of Trustees be received and adopted until these other reports can be taken up concerning matters which the Board of Trustees had not touched. Seconded and carried.

DR. A. C. RICH, New York, moved that the report of the Reference Committee on President's address be taken from the table. Seconded and carried.

IT WAS MOVED that the report of the Research Commission be taken from the table. Seconded and carried.

THE PRESIDENT called attention to a recommendation in the report of the Board of Trustees which was exceedingly important, namely, the question of dues for 1917, and said it would require the unanimous consent of the House of Delegates to pass this amendment to the Constitution.

DR. A. C. RICH, New York, moved that unanimous consent be asked to pass this amendment.

UNANIMOUS CONSENT being obtained, the Secretary read the amendment, whereupon Dr. Rich moved the adoption of the amendment as read. Seconded and carried.

DR. EMORY A. BRYANT, District of Columbia, asked whether the sections of the President's address as adopted by the Board of Trustees were to be adopted as a whole by the House of Delegates or considered section by section.

THE PRESIDENT replied that the House of Delegates could do as it pleased in that regard.

DR. BRYANT then discussed that section of the President's address which pertains to Reciprocity in Dental License.

DR. F. O. HETRICK, Kansas, said he knew something about the laws in reference to reciprocity; the work was one of evolution, and the committee, after discussing the matter carefully, recommended that nothing be done at this time. He, therefore, moved the adoption of that part of the report. Seconded and carried.

DR. HERBERT L. WHEELER, New York, moved that the report of the Research Commission be received and plac-

ed on file as their recommendations were covered in the Report of the Board of Trustees. Seconded and carried.

THE SECRETARY read the report of the Special Committee on Oral and Dental Hygiene with recommendations.

REPORT OF ORAL AND DENTAL HYGIENE COMMITTEE.

To the House of Delegates.

The Oral Hygiene Committee of the National Dental Association in regular session, submits the following report. The papers presented and discussed at this session are as follows:

"The Oral Hygiene in its relation to Public and Individual Health."

"Preparedness in Oral Hygiene."

"Oral Hygiene in the Army."

"The Rochester Dental Dispensary."

The general trend of thought expressed in these papers prompt this committee to recommend to the House of Delegates of the National Dental Association, the following: That a Publicity Committee be appointed, whose duties will be as follows:

a To compile suitable Oral Hygiene literature for dentists, city and school authorities, to be used as educational matter by all persons or organizations interested in Oral Hygiene.

b For the dissemination of suitable literature for the laity thru the medium of the Public Press, Magazines and Journals.

c To confer with the Publishers of school books to the end, that suitable chapters on Oral Hygiene be incorporated in their publication.

d We further recommend an appropriation of $200.00 for the carrying out of these plans.

Signed: CHAS. H. OAKMAN,

Chairman of the Oral Hygiene Committee of the National Dental Association.

IT WAS MOVED that the recommendations be adopted. Seconded and carried.

With reference to the Preparedness League, it was moved that the recommendations in the President's address be adopted. Seconded and carried.

Relative to the membership certificate, it was moved and seconded that this recommendation of the President be adopted. Seconded and carried.

DR. F. O. HETRICK, Kansas, moved that the report on the President's address be received and placed on file. Seconded and carried.

THE PRESIDENT announced as the Committee on G. V. Black memorial, Drs. Wm. H. G. Logan, C. N. Johnson, T. L. Gilmer, Frederick B. Moorehead, of Chicago, and E. K. Blair, Waverly, Illinois.

THE PRESIDENT called the attention of the House of Delegates to the fact that the Committee on Oral and Dental Hygiene had asked for an appropriation of $200.00.

DR. EMORY A. BRYANT, District of Columbia, moved that this matter be referred to the Board of Trustees with power to act. Seconded and carried.

DR. CHARLES C. ALLEN, Missouri, read the reports of the Reference Committee on Dental Education.

REFERENCE COMMITTEE ON DENTAL EDUCATION.

This report being of such far reaching importance, we recommend that it be referred to the standing committee on Dental Education and that copies be placed in the hands of the Deans of the Dental Colleges of the United States and that final action should not be taken for one year.

Signed:

CHALMERS J. LYONS,
C. C. ALLEN,
J. F. BIDDLE.

REFERENCE COMMITTEE ON DENTAL EDUCATION.

We recommend that the sentence occurring in this report, "The National Dental Association should place itself upon record as demanding a full four years' high school course prior to entrance to the Freshman year in the Dental Course, no conditions at entrance should be permitted," be made to read, "The National Dental Association should place itself upon record as demanding a full four years' high school course prior to the entrance to the Freshman year in the Dental Course, **beginning with the year 1917**, no conditions at entrance should be permitted."

We further recommend that the National Dental Association make a contribution as formerly to the Educational Council.

Signed:

CHALMERS J. LYONS,
C. C. ALLEN,
J. F. BIDDLE.

School of Dentistry,
Dr. Louis Ottofy, Director,
Manila, June 17, 1916.

My dear Dr. King:

Will you please hand this letter to the Chairman of the proper Committee, probably that on Dental Education.

Will the gentleman who receives this please ask Dr. B. Holly Smith of the National Association of Dental Faculty to show him a letter I have written to him?

The enclosed explains itself. I am fighting alone to uphold the honor of the degree of D. D. S. The political power, and the greed to sell the D. D. S., which brings all the way from $75 to $350 gold, is too much for me alone to contend with. So far I am winner, an attempt to kill the dental school of the University, failed, but only thru my own personal work, and because there are still a few upright, honest, sensible Americans in the Government.

There are now about 50 diplomas conferring the D. D. S., afloat, as member of the Board of Dental Examiners, during the last two years, and now as director of this school, and as one who holds the honor of our degree worthy of every effort for protection, not one of them has as yet been officially recognized. The wires are laid, and next March some of them are to be recognized, unless I have aid in preventing it. I mean that purchased diplomas, diplomas bought for cash, without attendance, are to be recognized. Your Association and the N. A. D. F., may be able to prevent it.

All I ask at present, is to have the Association appoint a Committee to investigate the conditions of dental education in the Philippines, WITH POWER TO ACT, before the next meeting of the Association. As soon as I receive the names of the Committee I will forward authenticated proofs and give all the information necessary for the conduct of its investigation, All I think that will then be necessary is for the Association to place the facts before our Government, thru the Bureau of Insular Affairs in Washington, and I am sure the Government will prevent the recognition of the degree, except if it has been honestly conferred. Last year four "honorary" diplomas as D. D. S., were conferred, as against two, (I think), by all the dental colleges in the United States during the past twenty years. If those four are recognized, that is, if they may use the title, there is no limit to the sale, as all the druggists, first and second class, and all medicos, and medicadillos, (that is little doctors), will be after it, and they pay well for it too. The few Filipinos who have come back here from the United States, with the D. D. S., if they succeeded in bringing not much else with them, did bring a mighty good report of the standing of the D. D. S. They all know that it is a highly respected degree, and having spread the good news, there is no wonder that there is a brisk demand for them. I think while the Philippines are American territory, your Association has a right to make suggestions concerning matters of so vital importance to the future of dentistry. With best wishes,

Sincerely yours,
LOUIS OTTOFY.

We recomend that the National Dental Association appoint a special committee to investigate the dental educational situation in the Philippines and with power to act and that the communication of Dr. Louis Ottofy be referred to them.

CHALMERS J. LYONS,
C. C. ALLEN,
J. F. BIDDLE.

DR. HERBERT L. WHEELER, New York, moved that the reports be adopted. Seconded and carried.

DR. ALLEN, Missouri, stated that the committee had received a report from the Educational Council of America with a recommendation.

DR. HERBERT L. WHEELER, New York, moved that it be adopted. Seconded and carried.

DR. D. C. BACON, Illinois, Chairman of the Committee on Transportation and Place of Session, read the report of this committee.

COMMITTEE ON TRANSPORTATION AND PLACE OF SESSIONS.

The committee has received invitations from New York, Baltimore, Norfolk, Chicago, and New Orleans to hold the next annual session in one of these cities. The committee favors and recommends that the next annual meeting be held in New York City.

Signed:
D. C. BACON, Chairman,
JOS. D. EBY,
MAX M. EBLE,
ROSCOE A. DAY,
HOWARD S. SEIP.

DR. WM. H. G. LOGAN, Illinois, moved the adoption of the report and its recommendation. Seconded and carried.

THE PRESIDENT stated that the time of holding the next annual session was left to the Board of Trustees, but the Board was glad to receive suggestions.

DR. A. P. BURKHART, New York, offered the following resolution.

RESOLVED, That hereafter the meetings of the National Dental Association shall be held in the month of October, beginning the first Tuesday after the 15th of October.

The resolution was seconded and referred to the Board of Trustees.

DR. F. O. HETRICK, Kansas, Chairman of Special Committee to consider duties of President-elect, presented the following report:

We move that the Constitution and By-Laws be amended, so that Chapter XI of the By-laws shall provide for another standing committee to be known as an **Amendment Committee**: that the Constitution and By-Laws be amended to arrange for the President-elect to become ex-officio a member of such committees as the President and Secretary are ex-officio of, and in case of a vacancy in the office of President, the President-elect shall fill such vacancy. That a special committee be appointed at this session to properly word such amendments and have them published in The Journal before the meeting next year for final action, at such time designating the duties of the President-elect and Amendment Committee.

(Signed) F. O. HETRICK, Chairman,
F. M. CASTO,
A. C. RICH.

DR. J. A. WEST, Iowa, moved that the report be received and filed and published as provided for in the report. Seconded and carried.

DR. HENRY E. GERMANN, Ohio, Chairman of the Committee on Forsyth and Eastman Tablets, presented the report of this committee.

REPORT OF COMMITTEE ON FORSYTH AND EASTMAN TABLETS.

Gentlemen:—Your Committee on Forsyth and Eastman Tablets begs to make the following report:

"Unless otherwise instructed by the House of Delegates, it will, on September 1st, send an appeal to each member of the National Dental Association for a $1.00 contribution. All funds collected exceeding the amount necessary to place the Tablets will be turned over one-half each to the Building Fund of the Research Commission and National Dental Association Relief Fund. Details have been worked out so that a proper accounting of funds can be had, and arrangements have been made for obtaining the necessary publicity in the journals.

Your committee expects to have the Forsyth Tablet placed as soon as possible and the Eastman Tablet by the time the dispensary is completed.

C. N. JOHNSON,
W. W. BELCHER,
B. FRANK GRAY,
HENRY E. GERMANN, Chairman.

IT WAS MOVED that the report be adopted. Seconded and carried.

Minutes were then read and approved.

As there was no further business to come before the meeting, on motion, which was duly seconded and carried, the House of Delegates adjourned **sine die.**

THOMAS P. HINMAN, President.
OTTO U. KING, Secretary.

PROCEEDINGS OF THE BOARD OF TRUSTEES.

Minutes of the Twentieth Annual Session of the National Dental Association, Held at Louisville, Ky., July 24-28, 1916.

FIRST SESSION.

PURSUANT to the call, the Board of Trustees met in Cleveland, Ohio, February the eighth, 1916, at the Hotel Statler.

The meeting was called to order by the President, Dr. Thomas P. Hinman, at 8:30 A. M.

The following were present: Drs. Hinman, Giffin, Hartzell, Burkhart, Buckley, Ward and King.

VOTED that the Treasurer's Bond of ten thousand dollars with the Fidelity Deposit Company of Maryland be renewed, and the Secretary authorized to issue an Expenditure order for the premium, $40.00.

VOTED that the program for the 1916 meeting, be published by the Secretary in The Journal of the National Dental Association, and that he use the same type in the preparation of a small program for distribution at the meeting in Louisville.

VOTED that the Huntington County Bank at Huntington, Indiana, be made a depository for the National Relief Fund.

MOVED AND SECONDED that we suggest to the Relief Fund Committee that before they begin a special solicitation for funds at a banquet or elsewhere in any state, they first consult the State Society officers and receive their approval and thus avoid any misunderstandings. This motion was carried.

VOTED that the Board of Trustees interpret that Chapter III, Section 6, means that an applicant must have his application signed by two members of his Local Society within his State organization. If no component society exists in the State, then it may be signed by two members within this state society of the National Dental Association.

Dr. Homer C. Brown, Chairman of the Legislative Committee, was called upon by the President, and he submitted a verbal report of the work that had been done by his Committee, and also outlined their future policy.

Dr. S. D. Boak, of Army Dental Corps, was called on by Dr. Hinman. Dr. Boak gave an outline of the needs of the Army and the plans now before Congress to advance the cause of the Dental Corps. He, however, urged the necessity of immediate action and the importance of a concerted movement from the dental profession on the present Congress. He urged the importance of the sending out of urgent letters to State Society Officers, and to our entire membership, giving them the aims and plans of the Legislative Committee. He enthusiastically urged that the psychological moment had arrived for the National Dental Association to demonstrate its political power and influence on this session of Congress, that a delay would mean an inefficient Army Dental Corps for years to come.

VOTED that the Secretary be instructed to send out such letters as the Legislative Committee may require in securing proper support from our membership and Congress to its Legislative program.

Dr. Weston A. Price, Chairman of the Research Institute, was present, and gave a verbal report of the work that this Institution was doing, and explained in detail the purchasing of the home for the Research Institute, the gifts and donations that had been received, and outlined its future policy. He made a plea for a close co-operation at all times between the National Dental Association and the Research Institution, making it plain that the Research Institute would always be under the wing of the National Dental Association.

VOTED that the title of all headings appearing in the Research Department of The Journal of the National Dental Association, be so designated as to give due credit to the University, (in those cases where Universities are furnishing part of funds) and the Research Institute of the National Dental Association. These headings to read "Under the Auspices of blank University and the Research Institute of the National Dental Association."

VOTED that Dr. Hinman prepare an editorial for the March issue of The Journal, on the Research Institute, its relationship to the National Dental Association, etc., in order that our entire membership may be acquainted with all the facts, relative to the work and plans of the Research Institute.

MOVED by Hartzell and seconded by Buckley, that the Board of Trustees recommend to the Commission, that the President and Secretary of the National Dental Association be Ex-Officio members on the Board of Trustees of the Research Institute, providing this can be legally done. Motion carried.

VOTED that no action be taken at this time on the Welfare proposition of Mr. Linford Smith, but that this be postponed until a full meeting of the Board of Trustees.

VOTED that the Secretary be empowered to secure the stenographers for the 1916 meeting.

VOTED that no daily Bulletin be published at the Louisville meeting.

The Secretary suggested that if the issuing of the certificates of membership were dispensed with, there would be a great saving in the cost of the certificates, mailing tubes, postage bill and labor, to the amount of about eighteen hundred dollars per year.

VOTED that the matter of discontinuing the issuing of the certificates be referred to the 1916 House of Delegates.

VOTED that the President and Secretary be given full power in the arrangement and publication of the 1916 program.

VOTED that an additional appropriation of one hundred and fifty dollars ($150) be given to the Legislative Committee.

VOTED that an appropriation for the Oral Hygiene Committee's work be turned over to the President of the National Dental Association with full power to act.

VOTED that the Expenditure orders from 94 to 122, allowed by Ad Interim Committee and Board of Trustees be approved. (See Secretary's itemized report.)

The Secretary presented to the Board of Trustees an itemized budget account of our probable expense and receipts for 1916.

The Secretary urged a more loyal cooperation between the Board of Trustees, our entire membership and the advertisers. He explained that The Journal Committee was censoring all advertising matter, so that the membership should be made to feel the important part the advertisers play in making our Journal proposition a successful undertaking.

There being no further business, the meeting adjourned.

SECOND SESSION.

The second session of the Board of Trustees was held in the auditorium of the Seelbach Hotel, Louisville, Ky., at 10 A. M., July 24, 1916.

There were present Drs. Hinman, King, Hartzell, Burkhart, White, Buckley, Boardman, and Melendy.

The Secretary read the minutes of the Ad Interim Committee and Board of Trustees, which were adopted as read.

The Secretary presented his report and requested that a certified accountant be secured to audit the books.

REPORT OF SECRETARY.

ITEMIZED STATEMENT OF DISBURSEMENTS.

August 10, 1915, to July 10, 1916.

Sept. 20, Order No. 94, Addressograph Company, Supplies		$ 1 30
Sept. 20, Order No. 95, Whitelock Press, publishing August issue of The Journal		1635 00
Sept. 20, Order No. 96, Marcus L. Ward, expenses incurred attending meeting in Chicago, Illinois		17 00
Sept. 20, Order No. 97, William Whitford, reporting sessions of House of Delegates and Board of Trustees		32 35
Sept. 20, Order No. 98, Otto U. King, general secretary's and stenographer's salary		185 00
Sept. 20, Order No. 99, Weston A. Price, Chairman of the Scientific Research Commission		1227 93
Sept. 21, Order No. 100, Otto U. King, general secretary's expense account:		
Stamps	$ 75 87	
Electricity, Supplies, Rent and Labor	57 91	
Telephone, Freight, Express Drayage and Telegram	12.62	
1915 Meeting, Secretary's Office and Painted Sign	242 79	
Miscellaneous	36 90	
		$ 426 09
Sept. 21, Order No. 101, Don. M. Gallie, president's office expense		7 50
Sept. 21, Order No. 102, R. G. Mitchell, Fire and Compensation Insurance		23 96
Sept. 27, Order No. 103, Homer C. Brown, Expense as Chairman of the Legislative Committee, stenographer's service, postage, telegrams, etc.		22 50
Sept. 29, Order No. 104, B. Frank Gray, Reporting Session of the Board of Trustees		6 00
Oct. 1, Order No. 105, Joseph Heinl and Sons, American Beauty Roses for Dr. G. V. Black		25 00
Oct. 9, Order No. 106, Fish, Lyman and Goodwin, Drawing on cover of The Journal of the N. D. A.		19 90
Oct. 19, Order No. 107, Otto U. King, general secretary and stenographer's salary for October		185 00
Oct. 29, Order No. 108, Weston A. Price, Chairman Research Commission, sent in by Military Dental Surgeons Association		100 00
Nov. 4, Order No. 109, Addressograph Company, overhauling addressograph machine		18 30
Nov. 6, Order No. 110, Columbia Graphaphone Company, balance on dictaphone		15 00
Nov. 20, Order No. 111, Addressograph Company, supplies		78 60
Dec. 28, Order No. 112, Herbert L. Wheeler, trip to Washington and return as member of Legislative Committee:		
Railroad fare	$ 15 70	
Meals, room, etc.	8 50	
		$ 24 20
Dec. 28, Order No. 113, C. B. Gifford, trip to Washington as member of Legislative Committee:		
Fare, state room, meals and telegram	$ 11 36	$ 11 36
Dec. 28, Order No. 114, Homer C. Brown, trip to Washington and Richmond, as member of Legislative Committee:		
Railroad fare, sleeper, etc.	$ 39 56	
Hotel and meals	22 75	
Taxicab for Committee and self	3 50	
Stenographer in Washington.	2 95	
Telegrams and telephone	5 52	
Stenographer and postage	18 59	
Committee lunch Dec. 8th	3 50	
		$ 96 28
Dec. 28, Order No. 115, A. O. Ross, trip to Washington as member of Legislative Committee:		
R. R. Fare, Sleeper, Meals, etc.	$ 44 80	$ 44 80
Dec. 28, Order No. 116, Otto U. King, General Secretary, Office expense for November, December and January		$ 545 00
Jan. 3, Order No. 117, C. L. Ricketts, Scribe, Illuminator, Binder, Account:		
Lithographing on Imperial Bond in two colors, 16,000 certificates and numbering same at $27.80	$ 444 80	
Less 10%	44 48	
	$ 400 32	
Furnishing 6,554 tubes @ $4.00	26.22	
Furnishing 2 cases @ 90c	1 80	
		$ 428 34
Jan. 17, Order No. 118, H. L. Banzhaf, Sec'y, Educational Council of America		$ 200 00
Feb. 1, Order No. 119, Otto U. King, general secretary and stenographer's salary for February		$ 185 00
Feb. 9, Order No. 120, Whitelock Press, Publishing November issue of The Journal		$2375 49
Feb. 9, Order No. 121, Otto U. King, general secretary's expense account:		
Stamps, Postage on Journal and Money orders	$ 386 40	
Labor, Rent, Supplies and Electricity	1183 98	
Express, Freight, Telegram, Telephone and Drayage	38 55	
Extra Expense to Cleveland—Telegram, Telephone and Taxi	12.50	
Miscellaneous	130 35	
		1751 78
Feb. 9, Order No. 122, Whitelock Press, Printing		728 52
Feb. 11, Order No. 123, J. P. Buckley, Expenses incurred attending Board of Trustees meeting in Cleveland		26 00

Feb. 16, Order No. 124, Fidelity Deposit Company, of Maryland, Premium, on Treasurer's Bond 40 00

Feb. 18, Order No. 125, H. J. Burkhart, Expenses incurred attending Board of Trustees meeting in Cleveland..... 24.94

Feb. 26, Order No. 126, Whitelock Press, Cuts for The Journal..... 57.88

Feb. 26, Order No. 127, Research Institute, sent in by Dr. Merchant, thru Texas State Dental Society..... 1.00

Feb. 26. Order No. 128, C. B. Gifford, Expenses incurred attending Legislative Committee meeting 44.47

Feb. 26, Order No. 129, Homer C. Brown, Expenses incurred attending Legislative Committee meeting 49.56

March 1, Order No. 130, Otto U. King, general Secretary and stenographer's salary for March 185.00

March 4, Order No. 131, Thomas P. Hinman, President's office expense..... 140.80

March 7, Order No. 132, Addressograph Company, balance on account 6.00

March 9, Order No. 133, Homer C. Brown, Stenographer's services and Postage.... 32.35

March 23, Order No. 134, Kentucky State Dental Society, overpaid in 1914 on dues 15.00

March 24, Order No. 135, Postmaster, Huntington, Indiana, Postage on Journal 100.00

April 1, Order No. 136, Otto U. King, general secretary and stenographer's salary for April 185.00

April 13, Order No. 137, Postmaster, Huntington, Indiana, postage on Journal..... 125.00

May 2, Order No. 138, Otto U. King, general secretary and stenographer's salary for May 185.00

June 1, Order No. 139, Otto U. King, general secretary and stenographer's salary for June 185.00

June 7, Order No. 140, The Wabash Cabinet Co., Supplies 141.48

June 9, Order No. 141, Whitelock Press, Publishing March issue of The Journal 1874.00

June 9, Order No. 142, Whitelock Press, Printing 77.05

June 16, Order No. 143, Thomas P. Hinman, President's office expense 77.31

June 19, Order No. 144, Whitelock Press, Publishing May issue of The Journal... 1840.80

June 19, Order No. 145, Whitelock Press, Printing 18.50

June 19, Order No. 146, Postmaster, Huntington, Indiana, Postage on July Journal 80.00

June 24, Order No. 147, Arthur R. Melendy, Treasurer's office expense..... 118.41

July 1, Order No. 148, Addressograph Co., Supplies 64.00

July 1, Order No. 149, Otto U. King, general secretary and stenographer's salary for July 185.00

July 10, Order No. 150, Otto U. King, general secretary's expense account:

Stamps, Postage and Money Orders	$ 841.54	
Labor, Rent, Supplies and Electricity	1116.40	
Express, Freight, Drayage, Telegram and Telephone ..	117.37	
Miscellaneous	410.58	
		$2485.89

July 10, Order No. 151, Homer C. Brown, Expenses incurred as Chairman of Legislative Committee 672.14

July 10, Order No. 152, C. B. Gifford, Expenses incurred as member of Legislative Committee 30.52

SECRETARY'S CASH BOOK.

Receipts and Disbursements.

August 6, 1915, to July 3, 1916.

Receipts.

Dues	$17981.85	
Advertisers	3177.30	
National Relief Fund	1727.62	
Research Institute	101.00	
Forsyth Loving Cup.....	10.00	
Miscellaneous	614.43	
Total		$23612.20

Condensed Remittance to Treasurer.

Dues, Subscription to Journal, Labor and Miscellaneous....	$21484.58	
National Relief Fund.....	2026.62	
Research Institute	101.00	
Total		$23612.20

Itemized Remittances to Treasurer.

September 24, 1915.....	$ 650.00	
October 11, 1915.....	250.00	
October 29, 1915.....	100.00	
November 1, 1915.....	50.00	
December 14, 1915.....	151.00	
January 3, 1916.....	1550.00	
January 5, 1916.....	600.00	
January 7, 1916.....	1100.00	
January 19, 1916.....	100.00	
January 24, 1916.....	1000.00	
February 3, 1916.....	125.00	
February 3, 1916.....	200.00	
February 9, 1916.....	1500.00	
February 16, 1916.....	500.00	
March 4, 1916.....	400.00	
March 8, 1916.....	150.00	
March 14, 1916.....	200.00	
March 22, 1916.....	350.00	
March 25, 1916.....	100.00	
March 28, 1916.....	300.00	
March 29, 1916.....	100.00	
April 1, 1916.....	150.00	
April 3. 1916.....	200.00	
April 14, 1916.....	250.00	
April 22, 1916.....	300.00	
May 4, 1916.....	250.00	
May 6, 1916.....	250.00	
May 10, 1916.....	200.00	
May 12, 1916.....	200.00	
May 31, 1916.....	600.00	
June 1, 1916.....	250.00	
June 1, 1916.....	325.00	
June 9, 1916.....	1700.00	
June 9, 1916.....	200.00	
June 16, 1916.....	600.00	
June 19, 1916.....	600.00	
June 21, 1916.....	600.00	
June 22, 1916.....	600.00	
June 23, 1916.....	250.00	
July 6, 1916.....	250.00	
July 13, 1916.....	1500.00	
July 14, 1916.....	3000.00	
July 17, 1916.....	251.62	
July 17, 1916.....	1609.58	
Total		$23612.20

Disbursements.

(As per expenditure orders 94 to 152 inclusive).

President's Office	225.61
Secretary's Office	2523.50
Treasurer's Office and Committees (Legislative Committee, $1028.18)	2857.61
Printing	858.34
Stamps, Postage and Money Orders	1610.25
Journal	8022.20
Fixtures	226.48
Labor, Rent, Supplies, Electricity, Research Institute, Kentucky State Dental Society ($15.00), Miscellaneous	3162.75
Total	$19486.74

OTTO U. KING, Secretary.

To the Board of Trustees of the National Dental Association:

State of Indiana, Huntington County, SS.

This is to certify that I have examined the cash book of the above named association on pages 23 to 40, both inclusive, which pages contain the cash entries of the above named association, as submitted to me, made and entered therein between the dates of August 6th, 1915, and July 1st, 1916, and find as follows, to-wit:

That the total cash receipts from all sources equals the total remittances to the treasurer of said association, both amounting to $23,612.20.

That the total amount of orders issued against the treasurer of said association amounts to $19,486.74.

That the book is in proper balance.

Witness my hand this 10th day of November, 1916.

HARRY I. YOUNG, C. P. A.,
Indiana Certificate No. 190.

IT WAS MOVED by Dr. Boardman, seconded by Dr. Ward, that the report be accepted and placed on file. Carried.

DR. BOARDMAN moved that the trustees follow the suggestion of Dr. King and have the report just presented certified to by the accountant who audits the books, and that the report be included and published in the proceedings. Seconded and carried.

The Treasurer presented his report.

REPORT OF TREASURER.

Receipts.

Balance on hand Aug. 10th, 1915	$ 2866 22
Otto U. King, Sec'y, Aug. 10th, 1915, to July 20th, 1916	21914 58
Total	$24780 80

Disbursements.

1915. Voucher Number.		
94	Sept. 27th, Addressograph Co.	$ 1 30
95	Sept. 27th, Whitelock Press	1635 00
96	Sept. 27th, Dr. Marcus L. Ward	17 00
97	Sept. 27th, Wm. Whitford	32 35
98	Sept. 27th, Dr. Otto U. King	185 00
99	Sept. 27th, Dr. Weston A. Price	1227 93
100	Sept. 27th, Dr. Otto U. King	426 09
101	Sept. 27th, Dr. Donald M. Gallie	7 50
102	Sept. 27th, R. G. Mitchell	23 96
103	Oct. 7th, H. C. Brown	22 50
104	Oct. 7th, B. Fr. Gray	6 00
105	Oct. 7th, Joseph Hunt & Sons	25 00
106	Oct. 15th, Fisk, Lyman & Goodwin	19 90
107	Nov. 1st, Dr. Otto U. King	185 00
108	Nov. 5th, Dr. Weston A. Price	1100 00
109	Nov. 18th, Addressograph Co.	18 30
110	Nov. 18th, Columbia Graphophone Co.	15 00
1916		
111	Jan. 7th, Addressograph Co.	78 60
112	Jan. 7th, H. L. Wheeler	24 20
113	Jan. 7th, C. B. Gifford	11 36
114	Jan. 7th, H. C. Brown	96 28
115	Jan. 7th, A. O. Ross	44 80
116	Jan. 7th, Dr. Otto U. King	545 00
117	Jan. 10th, C. L. Ricketts	428 34
118	Jan. 24th, H. L. Banzhaf	200 00
119	Feb. 8th, Dr. Otto U. King	185 00
120	Feb. 9th, Whitelock Press	2375 49
121	Feb. 9th, Dr. Otto U. King	1751 58
122	Feb. 21st, Whitelock Press	728 52
123	Feb. 19th, Dr. J. P. Buckley	26 00
124	Feb. 16th, Fidelity Deposit Co., of Maryland	40 00
125	Feb. 18th, Dr. H. J. Burkhart	24 94
126	Mch. 6th, Whitelock Press	57 88
127	Mch. 6th, Research Institute	1 00
128	Mch. 6th, C. B. Gifford	44 47
129	Mch. 6th, H. C. Brown	49 56
130	Mch. 16th, Dr. Otto U. King	185 00
131	Mch. 14th, Thos. P. Hinman	140 80
132	Mch. 14th, Addressograph Co.	6 00
133	Mch. 22nd, Homer C. Brown	32 35
134	Apr. 3rd, Kentucky State Dental Society	15 00
135	Apr. 3rd, Postmaster, Huntington, Ind.	100 00
136	Apr. 5th, Dr. Otto U. King	185 00
137	Apr. 21st, Postmaster, Huntington, Ind.	125 00
138	May 8th, Dr. Otto U. King	185 00
139	June 3rd, Dr. Otto U. King	185 00
140	June 14th, The Wabash Cabinet Co.	141 48
141	June 16th, The Whitelock Press	1874 00
142	June 16th, The Whitelock Press	77 05
143	June 22nd, Dr. Thos. P. Hinman	77 31
144	June 26th, Whitelock Press	1840 80
145	June 26th, Whitelock Press	18 50

1916 Voucher Number.		
146	June 26th, Postmaster, Huntington, Ind.	80 00
147	July 3rd, A. R. Melendy	118 41
148	July 10th, Addressograph Co.	64 00
149	July 10th, Dr. Otto U. King	185 00
150	July 17th, Dr. Otto U. King	2487 33
151	July 17th, Dr. Homer C. Brown	672 14
152	July 17th, Dr. C. B. Gifford	30 52
	Total	$19486 74
	Total receipts	$24780 80
	Total Disbursements	19486 74
	Balance on hand	$ 5294 06

Special Funds.

National Relief Funds on deposit @ 4 per cent. Compounded Semi-Annually in Lincoln National Bank, Rochester, N. Y.	$ 5744 35
National Relief Funds on deposit @ 4 per cent, Compounded Semi-Annually in Holston National Bank, Knoxville, Tenn.	5908 44
National Relief Funds on deposit in Huntington County Bank, Huntington, Ind.	1582 62
Total Relief Fund	$13235 41

Journal Fund.

Journal Fund on deposit @ 4 per cent. Compounded Semi-Annually in Holston National Bank, Knoxville, Tenn.	$ 1669 97

Respectfully submitted,

A. R. Melendy, Treasurer.

DR. BURKHART moved that it be adopted and placed on file. Seconded and carried.

DR. MELENDY suggested that the books ought to be audited.

DR. BURKHART moved that they be referred to the auditor for auditing. Seconded and carried.

Under the head of "Preparation of a report for the House of Delegates." Dr. Burkhart suggested that the Trustees report to the House of Delegates Wednesday afternoon.

THE PRESIDENT said this suggestion would be accepted with the understanding that the Chair would state to the House of Delegates that a report would come from the Trustees later, and in such a report to the House the reports of the Secretary and Treasurer should be included.

The death of Dr. Charles R. E. Koch having been referred to, Dr. Burkhart moved that there be a standing resolution for the Secretary to send condolences to the families of deceased members. Seconded and carried.

ON MOTION, which was duly seconded and carried, the Board of Trustees adjourned until 3 P. M. to meet in conjunction with the Research Commission and The Journal Committee.

THIRD SESSION.

The third session of the Board of Trustees was held in the Auditorium of the Seelbach Hotel, Louisville, Ky., at 10:30 A. M., July 26th, 1916.

There were present Drs. Hinman, King, Hartzell, White, Burkhart, Dotterer and Boardman.

THE SECRETARY read the minutes of the second session, which were approved as read.

THE PRESIDENT announced that the first order of business would be the nominating of the standing committees.

IT WAS MOVED, seconded and carried that the Judicial Council consist of the following members: T. L. Grisamore, Chairman, 29 E. Madison St., Chicago, Ill.; J. R. Callahan, 25 Garfield Place, Cincinnati, Ohio; R. Ottolengui, 80 W. 40th St., New York City; Victor S. Jones, Bethlehem, Pa.; Wm. F. Sharp, 350 Post St., San Francisco, Cal.

IT WAS MOVED, seconded and carried that the committee on Dental Education be reappointed: H. E. Friesell, '19, Chairman, 1206 Highland Bldg., Pittsburg, Pa.; Leuman M. Waugh, '18,

Secretary, 576 Fifth Ave., New York City; Chas. C. Allen, '17, 10th & Troost, Kansas City, Mo.; Henry L. Banzhaf, '21, Milwaukee, Wis.; Fred W. Gethro, '20, People's Gas Bldg., Chicago, Ill.

IT WAS MOVED by Dr. Burkhart and duly seconded that Dr. Wheeler be reappointed to serve for five years on the Legislative Committee. Motion carried.

DR. BURKHART MOVED that Dr. J. A. West, Des Moines, Ia., be appointed to fill the vacancy on the Legislative Committee caused by the death of Dr. Koch. Seconded and carried.

IT WAS MOVED, seconded and carried that the Committee on Transportation and Place of Session be reappointed: D. C. Bacon, Chairman, 31 N. State St., Chicago, Ill.; Jos. D. Eby, 4th National Bank Bldg., Atlanta, Ga.; Max M. Eble, Starks Bldg., Louisville, Ky.; Roscoe A. Day, 1225 Washington St., Oakland, Cal.; Howard S. Seip, 721 Walnut, Allentown, Pa.

ON THE PRESIDENT'S suggestion the appointment of members of Research Commission was postponed for another session.

IT WAS MOVED, seconded and carried that a Law Committee be re-created and appointed, consisting of Drs. C. B. Warner, Illinois; H. C. McKittrick, Indiana, and C. O. Simpson, St. Louis.

IT WAS MOVED, seconded and carried that members of the National Relief Committee be reappointed: Edw. S. Gaylord, Chairman, Connecticut; L. G. Noel, Tennessee; Wm. T. Chambers, Colorado; James McManus, Tennessee.

IT WAS MOVED, seconded and carried that members of the Oral and Dental Hygiene Committee be continued: Chas. H. Oakman, Chairman, Michigan; J. D. Patterson, Missouri; L. G. Mitchell, Oklahoma; H. F. Hoffman, Colorado; B. S. Hert, New York.

THE PRESIDENT called for a report of The Journal Committee.

REPORT OF JOURNAL COMMITTEE.

July 26, 1916.

To the Board of Trustees and the House of Delegates of the National Dental Association.

The Journal Committee respectfully recommends that the dues of the National Dental Association be increased $1.00 per year, this dollar to go for the publication of The Journal. We also recommend that as soon as possible after the receipt of the dollar per member for the use of The Journal, the said Journal be issued monthly. We further recommend that the publication be continued under the same auspices as at present. The Board of Trustees and a Journal Committee appointed by that body, being continued with power to carry on the regular publication of The Journal.

Respectfully submitted,

OTTO U. KING,
WM. H. G. LOGAN,
HERBERT L. WHEELER, Chairman.

MOVED by Dr. Hartzell and seconded by Dr. Burkhart, that The Journal Committee's report be accepted. Carried.

The Dental Welfare Committee, thru its Chairman, Dr. Burkhart, submitted a verbal report.

IT WAS MOVED, seconded and carried that Mr. Linford Smith be given an opportunity of appearing before the Board of Trustees at 3:15 P. M., July 26th.

IT WAS MOVED, seconded and carried that the President be authorized to fill any vacancy caused by the death, resignation or inability to attend meetings of the International Dental Federation.

MOTION MADE, seconded and carried that Treasurer's salary remain the same as last year.

IT WAS MOVED, seconded and carried that the salaries of the stenographer, bookkeeper and addressograph operators, in the office of the secretary shall not exceed $150.00 per month.

IT WAS MOVED, seconded and carried that the bond of the Treasurer shall be $10,000.00 for the ensuing year.

VOTED that Board of Trustees adjourn until 3:30 P. M. to hear Linford Smith on his public welfare proposition.

FOURTH SESSION.

The Board of Trustees met in room No. 1, Seelbach, at 3:30 P. M. July 26, for the special purpose of hearing Linford Smith on his public welfare proposition.

The meeting was called to order by the President.

There were present Drs. Hinman, Buckley, King, Boardman, White, Hartzell, Ward, and Dotterer.

The minutes of the third session were read and approved.

Mr. Smith then outlined his plan of educating the public, and after a free discussion of the same by the members of the Board of Trustees,

DR. HARTZELL MOVED that the Board of Trustees deem it inadvisable to adopt such a plan at this time. He desired to couple with the motion that the sincere appreciation and thanks of the Board of Trustees be extended to Mr. Smith for his disinterestedness and the great energy he had put into the proposition. Motion seconded by Dr. Buckley and carried.

Dr. S. D. Boak appeared before the Board of Trustees and outlined the conditions of the Army Dental Corps, urging and recommending that the National Dental Association allow the American Association of Military Dental Surgeons to carry on an educational propaganda without expense to the National Dental Association, the literature to be sent out by the General Secretary, Dr. King.

ON MOTION of Dr. Boardman, which was duly seconded and carried, the following was recommended to be presented to the House of Delegates by the Board of Trustees:

Recommendation of the Board of Trustees.

We feel that while the conditions of the Army Dental Corps have very materially improved, they are still behind other professional staff corps, even the veterinarians, who get one hundred per cent. Majors, after twenty years' service, while the Dental Corps of the Army are limited to eight per cent. after twenty-four years service. Conditions that developed in the discussion of the Army Bill in the Senate showed that they were willing to give the dental profession equality with the medical profession, but a majority of the Senators were not familiar with the law governing promotion in the medical and other staff corps, as was evident by the statement "that they were opposed to giving the Army Dental Corps more than the other Staff Corps."

In view of this fact, we submit the following draft for the approval of the House of Delegates, to be used as a basis of an educational campaign, to be conducted by the Association of Military Dental Surgeons thru each state society. This draft if brief, easily understood and avoids any question of working at cross purposes. The result of this educational campaign should be to have the members of the various state societies thoroly familiar with the aims of the profession and thus be ready to give intelligent aid when called upon by the National Dental Association to assist in securing legislation when the opportune moment arrives.

"The Dental Corps of the Army should consist of commissioned officers in the several grades as authorized for the Medical Corps, who shall have the same rank, pay and allowances as officers of corresponding grades of the Medical Corps, including the right to retirement as in the case of other Officers, and there shall be for every seven officers of the Medical Corps authorized by law, one officer of the Dental Corps. Dental officers shall be proportionately distributed among the several grades. as in the

Medical Corps, and their promotion shall be governed by the laws governing promotion in the Medical Corps; PROVIDED, that examining and review boards shall consist of one medical and two dental officers. Immediately following the approval of this act, all dental surgeons then in active service shall be recommissioned in the Dental Corps, in the grades herein authorized, in the order of their seniority, and without loss of relative rank in the Army."

ON MOTION, which was duly seconded and carried, the Board of Trustees adjourned to meet at 9 A. M., Thursday.

FIFTH SESSION.

The Board of Trustees met at 9 A. M. July 27th and was called to order by the President.

There were present Drs. Hinman, King, White, Buckley, Dotterer, Boardman, Burkhart, Price, Hartzell and Ward.

The minutes of the previous meeting were read and approved.

The following were reappointed on the Educational Council of America: J. V. Conzett, Dubuque, Iowa; Louis Meisburger, Buffalo, N. Y.; Arthur R. Melendy, Knoxville, Tenn.; LaFayette L. Barber, Toledo, Ohio; George N. West, Chicago, Ill.

DR. BURKHART MOVED that Dr. Arthur R. Melendy be nominated for Treasurer. Seconded and carried.

DR. W. T. FARRAR, of Louisville, Ky., presented his resignation as a member of the Research Commission. This resignation was accepted.

DR. BURKHART MOVED that Dr. Harold DeWitt Cross, Boston, Mass., fill the vacancy of Dr. Farrar on the Research Commission. Seconded and carried.

DR. ARTHUR D. BLACK, Chicago, Ill., presented his resignation as a member of the Research Commission. This resignation was accepted.

DR. BURKHART MOVED that Dr. Donald M. Gallie, Illinois, fill the unexpired term of Dr. Arthur D. Black. Seconded and carried.

DR. BUCKLEY MOVED that Dr. Hartzell be nominated to succeed himself as a member of the Research Commission (to serve until 1921). Seconded and carried.

IT WAS MOVED that Dr. J. M. Murphy, Temple, Texas, be nominated as a member of the Research Commission. (to serve until 1921). Seconded and carried.

IT WAS MOVED that Dr. H. J. Burkhart, Batavia, N. Y., be nominated as a member of the Research Commission, (to serve until 1921). Seconded and carried.

IT WAS MOVED that Chas. C. Allen, Kansas City, Mo., be nominated to succeed himself as a member of the Research Commission (to serve until 1921). Seconded and carried.

IT WAS MOVED that Dr. B. B. McCollum, Los Angeles, Cal., be nominated as a member of the Research Commission (to serve until 1921). Seconded and carried.

DR. WESTON A. PRICE read the minutes of the joint meeting of the Board of Trustees and Research Commission held last evening.

Minutes of the Joint Meeting of the Members of the Research Commission, Trustees and Officers of the National Dental Association, and the Special Directors of Research.

July 25, 1916.

Held in the Auditorium at the Seelbach Hotel, 3:00 P. M. Present: Boardman, Ward, Brown, King, White, Hartzell, Volland, Burkhart, Buckley, Conzett, Allen, McAfee, Callahan, Giffin, Price, Hinman, Hetrick, Lucas.

The minutes of the various meetings of the Trustees of the Research Institute of the National Dental Association and members of the Corporation were read and approved.

A general discussion was had regarding the policy of the Institute and the best means for its financing.

On motion of Dr. Burkhart, seconded by Dr. White, put and unanimously carried, it was

RESOLVED, that we approve of the plan of organization and the relations of the National Research Institute to the National Dental Association.

On motion of Dr. Volland, seconded by Dr. Hartzell, put and unanimously carried, it was

RESOLVED, that we adopt the policy of the Acting Managing Director for the coming year, which is:

That the present researches under special directors and grants be continued with the exception of the special metallurgical researches and "that, after careful study and consideration, it is his belief that the greatest efficiency for the Research Institute can be obtained by establishing in the Institute, at the earliest possible moment, an adequate equipment, with competent pathologists and bacteriologists and a biological chemist, and by co-operating with the various departments dealing with the health of the community, and rendering a service both in the interpretation of the relation of mouth infections to the diseases that these departments are meeting, and also by giving such clinical care as may be feasible in the Institute. This shall include all hospitals, societies for the care of tubercular patients, institutions caring for feeble minded, and all other such organizations. That we shall, if possible, provide for skilled men from the Institute who shall go to the places of business of those societies and assist in the care of such patients as cannot come to the Institute. That one of the most promising and assuring problems for success at this time is the exhaustive study of mouth infections and their relation to systemic infections before patients have come to be prostrated and seriously affected, to the end that the dental profession may be advised how to decide and how to determine what is and what is not a dangerous infection. And further that the Institute shall assist in establishing means for the treatment of such infections of the oral cavity as are known to be serious without the needless extraction of functionating teeth, as at present so universally practiced."

On motion of Dr. Hetrick, seconded by Dr. White, put and unanimously carried, it was

RESOLVED, that the Research Commission request the Board of Trustees of the National Dental Association to take such action for the raising of the dues at the first possible moment, and such other action until that action is effective to meet the financial conditions for the Research Institute.

LEFA BEMAN, Secretary.

DR. DOTTERER moved that the report be received and placed on file. Seconded by Dr. Ward and carried.

DR. BURKHART offered the following amendment and moved that it be recommended to the House of Delegates for adoption:

TO AMEND Article II, Section 1, of the Constitution, to read as follows: The annual dues of this Association shall be $2.00, payable January 1 for the ensuing year. Seconded and carried.

DR. BURKHART moved further to amend Article II, Section 1, of the Constitution that the annual dues shall be $3.00, $1.00 to go to Research Institute (to lie over until next year). Seconded and carried.

DR. BURKHART moved that discretionary power with reference to the material that goes into The Journal for publication shall be left to the General Secretary, Dr. Otto U. King. Seconded and carried.

DR. WHITE moved that a committee be created, to be known as an Advisory Committee on the Publication of The Journal, and that the members of this committee shall consist of Drs. Hinman, Hartzell and Burkhart. Seconded by Dr. Boardman and carried.

DR. BURKHART moved that there be a standing resolution that any unexpended balance remaining in the hands of the local committee of arrangements after the annual meeting, shall be turned over to the Secretary of the National Dental Association. Seconded and carried.

DR BURKHART moved that the recommendation for the memorial to Dr. G. V. Black be endorsed, and that the mat-

ter of location of the memorial be left to the committee appointed by the Illinois State Dental Society. Seconded and carried.

MOVED, seconded and carried, that the Board appoint as members of the Black Memorial,the committee appointed by the Illinois State Dental Society. The committee consists of Wm. H. G. Logan, Chairman, Chicago, Ill.; C. N. Johnson, Chicago, Ill.; T. L. Gilmer, Chicago, Ill.; F. B. Moorehead, Chicago, Ill.; E. K. Blair, Waverly, Ill.

DR. BURKHART moved that the certificate of membership be done away with and a membership card be issued next year. Seconded and carried.

DR. BURKHART moved that the appropriation to the Committee on Dental Legislation for 1916-1917 be limited to $250.00, and that the Secretary be instructed to notify the Committee. Seconded and carried.

For list of bills approved and ordered paid see "Itemized Statement of Disbursements," page 412. Expenditure orders 153 to 169 will appear in Secretary and Treasurer's Reports for 1916-1917, as the books were balanced thirty days prior to the annual meeting.

IT WAS MOVED and carried to recommend to the House of Delegates that the Slogan for 1917 be 25,000 members.

ON MOTION, duly seconded and carried, the Board of Trustees adjourned to meet at 4 P. M.

SIXTH SESSION.

The Board of Trustees met at 4 P. M., July 27, and was called to order by the President.

There were present Drs. Hinman, King, Boardman, Ward, White, Dotterer, Buckley and Hartzell.

The minutes of the previous meeting were read and approved.

DR. HARTZELL nominated Dr. Henry A. Banzhaf, Milwaukee, Wisconsin, as a member of the Committee on Dental Education, in place of Dr. Shirley Bowles, whose term had expired. Seconded and carried.

ON MOTION, which was duly seconded and carried, the Board of Trustees adjourned.

SEVENTH SESSION.

The Board of Trustees met at 2 P. M., July 28, and was called to order by the President.

There were present Drs. Hinman, Hartzell, White, Logan, King, Dotterer, and Barber.

The minutes of the previous meeting were read and approved.

THE SECRETARY called attention to the fact that the Oral and Dental Hygiene Committee had asked for an appropriation.

DR. HARTZELL moved that this committee be given an appropriation of $100.00. Seconded and carried.

DR. H. E. FRIESELL presented a bill for Section 1, which was approved and ordered paid.

IT WAS MOVED and seconded that the representatives of the National Dental Association on the Educational Council of America be reappointed. Carried.

THE SECRETARY called attention to the report of the special committee made by Dr. Hetrick to the House of Delegates urging the appointment of a standing committee on Amendments.

DR. WHITE MOVED that a committee of three be appointed on amendments to

consist of Dr. A. C. Rich, New York, Chairman; Dr. F. O. Hetrick, Kansas, and Dr. F. M. Casto, Ohio. Seconded and carried.

IT WAS MOVED that the minutes of the House of Delegates of Thursday be signed by the President and Secretary. Seconded and carried.

DR. DOTTERER tendered his resignation as a member of the Board of Trustees.

DR. HARTZELL MOVED that the resignation be accepted. Seconded and carried.

DR. DOTTERER MOVED that Dr. Hinman (retiring President) be elected a member of the Board of Trustees to represent the Fourth District. Seconded by Dr. White and carried.

Adjourned.

EIGHTH SESSION.

The Board of Trustees met July 28 immediately after the installation of officers and was called to order by the President, Dr. Barber.

There were present Drs. Barber, King, White, Hinman, Hartzell, and Logan.

The minutes of the previous meeting were read and approved.

AS TO THE TIME for holding the next annual session of the National Dental Association in New York City, Dr. Hinman moved, and Dr. White seconded, that the matter be referred to the Ad Interim Committee. Carried.

The following were appointed on the Ad Interim Committee: LaFayette L. Barber, Toledo, O.; Wm. H. G. Logan, Chicago, Ill.; Otto U. King, Huntington, Ind.; H. J. Burkhart, Batavia, N. Y.; Thomas P. Hinman, Atlanta, Ga.; Thomas B. Hartzell, Minneapolis, Minn.

DR. HINMAN MOVED that President Barber be given authority to appoint the local committee. Seconded by Dr. White and carried.

DR. HINMAN MOVED that the local committee be instructed to give a report of all the funds collected and expenditures made, and any balances remaining in their hands after all audited bills have been paid be turned into the treasury of the National Dental Association; and furthermore, that the local committee shall have no authority to bind the National Dental Association for any debts that they may incur. Seconded by Dr. Hartzell and carried.

THE SECRETARY brought up the question of insurance of the female employees in his office, stating that it cost him personally $10.00.

IT WAS MOVED and seconded that this amount be allowed. Carried.

As there was no further business to come before the meeting, the Board of Trustees then adjourned subject to the call of the President.

THE JOURNAL of the NATIONAL DENTAL ASSOCIATION

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VOL. 3 NOVEMBER, 1916 No. 4

EDITORIAL DEPARTMENT.

SWEEPING AWAY THE CONFUSION THAT HAS EXISTED REGARDING THE STREPTOCOCCI OF THE MOUTH.

The article from the Minnesota Division of the research corps of the National Dental Association, appearing in this issue of The Journal, may mean much or little to the average reader, depending upon the average reader's appreciation of what it involves. Hence, a brief exposition of the effect of this work on the future practice of dentistry may be well worth while.

The article itself, it will be noted, has been published in one of the foremost technical journals in the country, and therefore will reach the scientific workers of the world, which it would not have done if it had been published in our Journal first. That its effect will be felt in the

PRESIDENT'S ANNUAL ADDRESS.

By Lafayette L. Barber, D. D. S., Toledo, Ohio.

(Delivered before the National Dental Association, October 23, 1917, New York City.)

UPON this, the Twenty-first, Annual Session of the National Dental Association, it becomes the duty of the Presiding Officer to read an annual address. That such an address is usually looked upon as a bore, I am fully aware. But I will not detain you long.

First, I want to thank all the Officers and Committees for their work, counsel and help. But if anyone thinks it is a boy's job to be at the head of such an organization, even if he has the fullest cooperation of the other officers and committees, he is sadly mistaken—and God help him, if he doesn't have their help.

PRESIDENT-ELECT.

This is the first year that you have had a President-elect and so far as the creating of such an office is concerned, I can say positively, that it is one of the best things that your organization committee did, for it places the incoming man in absolute touch with the work, so that he has it half done before he commences.

GENERAL SECRETARY.

I cannot forego this opportunity of congratulating you upon the efficiency of your General Secretary, and upon the good work of your Legislative Committee.

RESEARCH.

Second, I want to speak a word in behalf of your Research Institute. It is in a way to do a great work. Some seem to think that we can get so many pails or barrels of scientific facts by putting in a few hundred dollars, and a year or so of time. That may be so, and it may not. Definite results from research do not necessarily come fast, or in large packages, but it does come, if you keep at it in an intelligent way. For a long time I have had a notion that research work should be done in institutions of learning, such as universities, hospitals and dispensaries, and after a year of very close contact with the facts in the case, I can see no good reason for changing my mind.

It is very necessary that the Research Department of this Association should have, not only the material help, but the moral support of the universities of the country.

This Association owns a beautiful home in Cleveland, Ohio. It is not all paid for, but we have a good equity in it, and it is growing in value all the time, and I think that some research work should be carried on there. But the time is coming when this Association must have a home for the National Dental Association Journal and all the other things that go with it. I hope to see the day, and trust it is not far distant, when this can be realized.

BLACK MEMORIAL.

Third, as you are all probably aware, this coming year there is to be a Memorial Dedication to our late and well beloved Dr. G. V. Black. I earnestly hope that every dentist within the sound of my voice, will deem it a great pleasure, as well as a duty, to do what he can to make this a great success.

DENTAL JOURNAL.

During the past year The Journal of the National Dental Association has been established on a monthly basis. The importance of such a move must not be lost sight of. That the members of this Association are able to have an independent monthly journal, such as has been given to them this year, for the small sum of one dollar, speaks well for the editor, as well as for the whole Journal Committee.

Think of it, in the last few issues we have given some hundreds of pages, card records, etc., for the use of the Surgeon General's Office and war interests, at a cost of $3400.00. We have had the unforeseen advance on material and labor for its production. We have turned down many thousands of dollars worth of advertising which we did not consider desirable, and yet we have been able to give you the splendid Journal for the modest sum of one dollar raise in the annual dues.

Do not lose sight of the fact, that the past year has been the hardest and most expensive possible, for the establishment of a new publication, and yet we have had to borrow, not one penny, but have closed up the year with several thousand dollars on the credit side of the ledger.

Furthermore, plans have been made for the coming year, whereby The Journal may be put out for less cost, and still be a better publication than it has been.

In the face of conditions that have confronted The Journal Committee and Officers of the Association, more especially the Managing Editor, Dr. King, I cannot help but speak of this as an accomplishment with which we should all feel gratified.

The successful establishment of such a Journal, owned and published by the Dental Profession, is, in my opinion, one of the greatest undertakings that has been consummated during my connection with dentistry.

We will have an increase of nearly 3,000 in membership this year, and I will give The Journal credit for this, notwithstanding the fact that I have

during the year, visited eighteen states in the interest of the Association.

REAL PATRIOTISM.

Fourth. What do we, as a dental profession, owe to our country in this, its present conflict for the liberation of humanity at large? An examination of the lists of those who made very large subscriptions to the Liberty Loan, or who gave very liberally to the Red Cross Fund, gives one the opportunity to distinguish between the patriots and the near-patriots. The former class consists of those who, in common with thousands of their less well-to-do brothers, had no money interest in the war, and gave according to their means, seeking to enlist at least part of their fortunes in the war for humanity. The near-patriot class is not quite so honorable; it is made up of those who have a dollar interest, a profit interest in war. They may seek to whitewash themselves, they may try to salve their callous conscience, but they stand branded just the same.

What is it to invest money in the Red Cross with one hand, while with the other the near-patriot is handing the government something it does not need, but you can make it believe it needs.

Real patriotism, real love of country, is demonstrated all along the line, every hour of the day. It is not side-tracked when there is a chance to force some higher recognition in the way of laws or some extra profit.

Our country has had three years of a war spree; greedy capital played a grab game, lazy labor laughed at work. Now we are at war, we must give the government a square deal.

RESPONSE OF THE DENTISTS TO COUNTRY.

It is very gratifying to me to know the interest the members of this association are taking in the great movement for humanity, and the very efficient service they are rendering the government, thru the Preparedness League of American Dentists, and the Surgeon General's office.

Too much cannot be said in behalf of the work of Dr. J. W. Beach and his associates in the Preparedness League, as well as the work of Dr. Wm. H. G. Logan, in the Surgeon General's office.

The Preparedness League of American Dentists is now a part of the National Dental Association. It is not necessary for me to dwell upon the splendid work it has done, and is now doing, for humanity, and the help it has been to the War Department by making fit, those who on account of mouth conditions, had been rejected.

The future membership, we hope, will be confined to members of this Association.

I trust that all members of this Association will, when opportunity offers, assist any conscript that may be referred to them from any representative of the War Department. For some time to come, the Surgeon General simply must have more dental service than is provided in his department, and it is up to the members of this Association to see that it is furnished.

DENTAL AMBULANCES.

The Preparedness League, thru its membership, is prepared to supply to date, no less than fifteen fully equipped Dental Ambulances for use on the battle front. It is a splendid, unselfish work, and deserves all the help we are able to give.

DENTISTRY ON THE WAR FRONT.

One year ago this month, your President felt that at some future time there might be a need for more Dental Surgeons at the front, and with that in view, I wrote the authorities at Washington, urging upon them the necessity of having men from the Army and Navy Dental Corps, sent to France, to better familiarize themselves with the work being done there by Doctors Hayes and Davenport in the American Ambulance

Hospital. However, they did not think as I did, and after some correspondence, the matter dropped.

But when the time came for men to instruct more dentists in this country, for service in France, we found there was a very great shortage of men, for such instruction, and to that extent the service at the front will be, for a time, less efficient.

RECOGNITION FOR DRS. HAYES AND DAVENPORT.

To two American Dentists, Drs. Hayes and Davenport, more than any others, credit is due for the splendid work done in the "American Ambulance Hospital," in France, since the beginning of hostilities. Now that the management of said Hospitals has been offered to, and accepted by the United States Army, and will hereafter be known as the American Military Hospital, and in view of the fact that Drs. Hayes and Davenport, with others, were connected with an old American Hospital in Paris, before the war, which was transferred into and become the First American Ambulance Hospital, after the beginning of the war, I believe I voice the sentiment of everyone present, when I say that I wish our government would, in some manner, recognize the splendid service that has been rendered humanity by Drs. Hayes and Davenport, and their co-workers. This would be but just. Let us hope that a way may be found for its fulfillment.

DR. KIRK DESERVES CREDIT.

Dr. Edward C. Kirk, as the first chairman of the Committee on Dentistry, General Medical Board, Council of National Defense, did splendid work in getting under way, the mobilization of all Dental Resources, and at the time of his resignation from the chairmanship, had the machinery well under way, a task entailing no small amount of work, I can assure you. But Dr. Kirk was equal to it.

Dr. Wm. H. G. Logan has taken up the task where Dr. Kirk left off, and is doing wonderful work, and I want to take this opportunity to say, very few of you know what Dr. Logan has had to endure, in the time he has been engaged in this labor, for labor it is, and it is being well attended to.

Some time during the meeting you will have an opportunity of hearing from Dr. Logan about the nature and scope of work being done by his committee.

RESIGNATION OF DR. KIRK.

During the past year it has been our misfortune to receive the resignation of Dr. Edward C. Kirk, a man who has been a power in our profession, and whose editorials have been looked upon as masterpieces, always going direct to the real point of the subject under discussion, and they will go down into Dental History, as real literature.

Dr. Kirk has retired from active dentistry to devote his time and energies to other pursuits.

EASTMAN INSTITUTE.

The Rochester Dental Dispensary, founded by George Eastman, was dedicated May 9, 1917, and this association was officially represented by its President.

The Eastman Institute is a credit to its founder, to dentistry and to Rochester. It is designed and equipped to do a splendid work.

SECURED GREATLY IMPROVED LEGISLATION.

For many years the dental profession has been making spasmodic effort to secure for the members of the Army and Navy Dental Corps, a recognition that would be more acceptable and more of an inducement for good men to enter the service. But for various reasons we never made much headway until last year, and then not what we had hoped for. This year some of the reasons for our failure were eliminated at once. We knew what we wanted, which was nothing but justice, and the entire profession got behind the legislative committee and officers of

this association in the effort to secure this; and I have the honor to announce that on October 6th, President Wilson signed what we have known as the modified Lodge Amendment, and it became a law.

The profession at large, dental educators, Senators Lodge, Pomerine, and their co-workers, together with the officers of this association, deserve credit; and I want to publicly thank them. However, I cannot but feel that Dr. Homer C. Brown, Chairman of the Legislative Committee, has given more time and energy, at a greater cost, than any one else. He is the one who, when anything was to be done, did it. He has always stood for the Lodge Amendment; he has at all times had confidence in it, and in our ability to have it enacted into law; and he, more than anyone else, in my opinion, deserves credit for our present Dental Law.

THANK LEGISLATORS.

I would suggest that all Dental Societies and members of this association, write letters to the same Senators, Congressmen, Secretary of War, and others to whom they wrote prior to the passage of the Lodge Amendment, thanking them for their support, and that the Secretary of this association be instructed to thank them officially.

MEN IN THE DENTAL RESERVE CORPS.

I hope that before the deliberations of this Association are concluded, that some arrangement may be made, whereby the dentists who have entered the service of their country, for humanity, if they are members of this Association, may have their dues remitted, for the duration of such service. Also that their diploma, with an honorable discharge from the United States Army, may permit them to locate in any State in this country to take up their practice.

I would like to see the various Dental Societies of the United States extend membership to any of the members of the Dental Reserve Corps, while stationed in their State, during the period of the war.

ABILITY MUST AND WILL BE REWARDED.

There never has been a time in the memory of any within the sound of my voice, when a resourceful mind had so many chances to test the soundness of reasoning. We are now dependent on ideas, and broader ideals, and anyone who can foresee the trend of events, who can clearly read the signs of the times, who can anticipate developments, who can penetrate the horizon and glimpse the course of the future, can have and hold a high place among the men who are doing things, as long as he is deserving of such a place. Favoritism is a luxury we can no longer afford. This is the hour of those who do things.

DANGERS OF SPECIALIZATION.

The danger of specialization is its narrowing influence.

It is an extraordinary man who can continue upon a single objective without losing his sense of proportion. Brains, as farm lands, are enriched by diversification, and deteriorate when devoted too long to the same purpose. Efficient thinkers re-vitalize their minds with a variety of interests. Their intelligence remains symmetrical. When a subject especially appeals to you, beware lest you become so wrapped up in it, that like the silk worm, you shut yourself off from all the other wonderful things in view.

Nevertheless, specialization has its advantages, and no man is so large that he can comprehend to the fullest, all the phases of any profession. But let us not specialize until we become too narrow between the eyes, and our horizon not further away than the end of our nose.

PROFESSIONAL.

The time has come, indeed it has *been* here for some time, that we must think more of our profession, as made up of

professional men, and not of mere fillers and makers of teeth, and in order to create such a change, we must so train ourselves, that we will justify the claim.

The line of demarcation between a profession and a trade or business should be well-defined. Think it over, and act on the thought, and the time will soon come when we will have no trouble taking the place so many of us think we should have.

I wish at this time to call attention to the importance of making sure of our ground, in all of our claims for scientific discoveries and research, before giving it to the profession, or the public.

Many times I have heard a paper read making claims for certain operations, methods of technic, line of treatment, etc., that have not been given the necessary tests to find out, whether they were what was claimed for them, or not.

It is also as necessary that the claims made, in reports of research, either by individuals or institutions, be very sure of their claims, before publishing them as facts.

It may do an inestimable amount of harm, especially among the younger members of the profession, ones who look up to those from whom they naturally expect better things.

CLINICS.

I have seen many clinics given that did not involve a single new idea or principle. This, I am sure, is not intentional, but is to be regretted. It is sound principles that we want, a well worked out adoption or application of the same. Then and not until then, will we get the best out of our clinics

DENTAL CLINICS.

All of the reputable Dental Educational Institutions of the country are just entering upon a four year course, consisting of thirty-three weeks for each year. I am certain, they, as well as the public, will find this to be a real step forward.

I am sure a very large percentage of the Dental Institutions have been striving to give the most that could be given, in the time they have had, and they deserve a great deal of credit. But, in some of the examinations that I have given, this summer, men have told me, that they did not have more than the merest smattering of Bacteriology and Chemistry, and they were graduates of but two or three years ago.

This, if true, is a deplorable condition, and should not, and I believe will not, exist under the four year course.

EXTRACTION OF TEETH.

The Dental Profession must more fully realize the fact of mouth infection. The more they study these conditions, the more teeth will be extracted. Until the time comes that we have better learned to differentiate between those that should be removed, and those that should not, it is better to remove teeth, that under our present knowledge and foci of infection, and its attendant influences, we are certain of. But this is no excuse for the wholesale extraction of teeth.

INDISCRIMINATE EXTRACTION OF TEETH.

The indiscriminate and wholesale manner in which some Doctors of Medicine are advising the extraction of teeth, is, to my way of thinking, little short of a crime.

True it is, that in the past, many, if not quite all of us, left teeth in the mouth when it would have been far better to have taken them out. Nevertheless, that is no justification for many M. D.'s, who know far less about the matter, to order a wholesale extraction of teeth. We should be, and I think we are, duly grateful to many physicians for their help in deciding, that many times teeth are left in the mouth that should be extracted. To these men who know, we should give heed. But that does not mean that we should heed any and all physicians, who, not being able to find the trouble with their patients, have an X-Ray or shadow picture made,

and then say: "Have all your teeth out," when possibly he does not know the first principles of reading an X-Ray picture of the jaws and teeth. It is up to each one of us to know, in so far as it is possible, the well established readings of X-Ray pictures, pertaining to the jaws and teeth, both normal and abnormal. Become familiar with the best writers on the subject, and then and not until then, are you prepared to question the opinion of no matter who says, "take those teeth out." The time is past when anyone should presume to practice dentistry or medicine, except he gives systematically of his time to the study of his profession, and all that pertains thereto, and unless he does that much, he might as well stop where he is.

THE NATIONAL RELIEF FUND.

The relief work, under the direction of Dr. Edward S. Gaylord, New Haven, Conn., is a worthy work—a work of the dentists, and for the dentists. You take care of your life insurance— take care of this. To some one it may be quite as important, and that someone could be you. When the yearly request comes, send your check in, and make it a matter of business.

CLINICS.

Some there are, perhaps, who will object to the way the clinics are to be given this year. To them I wish to say: The way clinics have been conducted in the past, was all right for smaller meetings, but not when we have a large number wishing to see them. Not one out of a hundred got anything out of the old way. This year, one can at least get some one subject, and get it well. Withhold your judgment until after the meeting, and if you have interest enough in them to attend, I will be willing then to take your criticisms.

OUR PROGRAM.

The officers of this association (both general and section), have bent every effort to give you a program worthy of your consideration. We have endeavored to cover all the important branches of dentistry; and we believe we have done so. The Scientific, Practical, Research, Army and Navy, both as to equipment and preparation, will be considered by men whose business it is to know about such things. We had hoped to have one or more men present from the battle fields of France to tell of the work that is being done there by members of our profession; also, to tell of the great need of more men for the vast amount of work yet to be done, but such men cannot at this time be spared from the work in which they are engaged.

Some who were to read papers, give clinics, or take part in the discussion of subjects to be considered here, are unavoidably detained, having been called to some branch of our country's service. But wherever they are, we know they are doing a valiant work for humanity.

While the program would undoubtedly be strengthened by the presence of these men, nevertheless we believe that we still have a program worthy of your consideration.

The Preparedness League of American Dentists will have a very interesting and instructive part in the deliberation of this association.

In so far as was possible, our general sessions, as well as section sessions, have been arranged to be of equal interest and benefit. We have endeavored so to arrange the time and place for each part of the meeting, and that by referring to your program, you will at all times be able to tell what is doing, and when it is being done.

LOCAL COMMITTEE.

To Dr. W. W. Walker and his committee, has been intrusted all of the local arrangements for this meeting. Knowing Dr. Walker as I do, I can assure you that we will be well taken care of.

THE EXHIBITORS.

The display of dental equipment and supplies is as complete as has ever been

shown at a National Dental Association meeting, and I want to thank the manufacturers and dealers for the interest they have taken.

As a summary of the work that has been accomplished during this Administration, I wish to mention,

First, the establishment of The Journal of the National Dental Association on a monthly basis.

Second, the membership has been increased 2,000, notwithstanding the increase in dues, and the depressing influence the war has had on all organizations.

Third, the relief fund has been increased over $7,000.00, making the total relief fund over $20,000.00.

Fourth, $8,000.00 has been raised for the Black Memorial.

Fifth, $2,000.00 has been added to The Journal Fund.

Sixth, the assets of this Association in Furniture, Fixtures and Supplies, has been increased $2,400.00.

Nothwithstanding these facts, we still have a balance of several thousand dollars in the Treasury.

Even under our unfavorable status in the Federal Service, the patriotic spirit of the dental profession has been manifested during this war crisis by the fact that the Army and Navy Corps have their full quota.

The crowning achievement of this Administration, as well as what I believe to be the greatest advancement in the history of dentistry, was the legislation secured in the closing days of the last Congress, which places our representatives in the Army Dental Corps and the dental students on an equal status with the Army Medical Corps and the medical students.

PROCEEDINGS

OF THE

TWENTY-FIRST ANNUAL SESSION OF THE NATIONAL DENTAL ASSOCIATION.

Held in New York City, October 23, 24, 25 and 26, 1917.

FIRST GENERAL SESSION.

THE Association met in the Grand Ball Room of Hotel Astor at 9:45 A. M. and was called to order by the President, Lafayette L. Barber, Toledo, Ohio.

President Barber invited all past presidents of the Association to take seats on the platform.

Rev. Wilbur R. Caswell, of New York City, was introduced, and delivered the following

INVOCATION:

Let us pray: Almighty God, our Heavenly Father, we ask Thy blessing of all men who are working for the good of man, upon those who heal the body as well as all who heal the soul. Especially give strength and courage to those men who today are fighting that civilization may endure. Bless the men who are fighting in the trenches and those who are working in the hospitals, as well as those who are working at home. Help us to devote ourselves to this, Thy cause, that very early liberty and civilization may be secured for the world. Especially do we ask Thy blessing and guidance upon the deliberations of this convention, and may every one of us, in whatever sphere our work is found, give ourselves with such skill and devotion that mankind may be uplifted and that the kingdom of Heaven may be brought nearer. We ask it in the name of the God of truth and of righteousness. Amen.

W. W. Walker, New York City, Chairman of the local Committee of Arrangements, said:

Mr. President:

It becomes my pleasant duty, on behalf of the local committee, to present to you this gavel, and hope that during your administration and all the meetings of the National Dental Association you will have the privilege of presiding in your usual charming and diplomatic manner. Will you please accept this, from the committee, sir. (Applause.)

PRESIDENT BARBER: Dr. Walker, and members of local committee: I wish to thank you, sir, for this token. If I can wield this gavel and it will cause me no more trouble than my local committee, I think I will get along very well.

I want to say that the local committee of the City of New York has made all of the local arrangements for this convention. They have worked for many weeks, giving up their business almost entirely to do so. They have worked day and night, and there are but few in this room who realize the amount of work they have done. It does not show upon the

surface to consummate arrangements for a meeting of this kind.

Dr. Walker, I wish you to communicate to your committee my thanks for this gavel. (Applause.)

We will now have the honor and great pleasure of listening to an address of welcome by Hon. Marcus M. Markes, President of the Borough of Manhattan. He is not a dentist. I take it for granted that he is a politician. When I looked him over this morning that is what I made up my mind he was. (Laughter.) He looks as tho he might be a first-class one, and I will leave it to your judgment to decide that point. (Applause.)

Address of Welcome by Mr. Marcus M. Markes.

Mr. President, Ladies and Gentlemen:

I do not know whether that was praise or damnation (laughter), but I will say this, I am a business man, having been in active business for twenty-five years until I was drafted for service, and until business men and professional men take an active part in politics and in civics, we will never have good government. (Applause). So I plead guilty, and I hope when you come to your next convention this little word may cause you to be in the honorable position also of pleading guilty in taking an active part in the management of your various municipalities and contributing to the good government of your respective states and the United States. (Applause.)

I do not know whether your President by bringing me up among the honorable past presidents of your Association intimated that I should soon become a past president or not. (Laughter.) The election for President of the Borough of Manhattan takes place November 6, and my term of office expires after January 1, 1918. If at that time I am made a past president, it will not in any way weaken or diminish my interest in the good government of this great municipality. (Applause.)

The man who is a politician has many things cast into his teeth. (Laughter.) I say that deliberately, knowing that you will appreciate the suggestion. Why do they cast it into my teeth? Because they believe the teeth are the most vulnerable point of attack. (Laughter.) Why do people say when they go to war, they are "armed to the teeth?" They are not armed any further than the weak spots. The teeth, as you dentists know are the weak spots, and you are trying to make them stronger, and you are doing the public a great service by strengthening the part that is weak. Every morsel of food has to go thru the teeth; you control the health of the community by strengthening the teeth. Now I am going to say a word or two about the Borough of Manhattan.

Those of you who come from other cities and states may not know very much about this Borough of Manhattan. Borough means a small municipality, a little neighborhood. Some people call it burro, a small little animal which travels a great deal up and down hills. (Laughter.) I have been called the burro president by some people who do not know how to pronounce the word correctly. After four years in office that title may be applicable. (Laughter.) I addressed a convention of manufacturers some time ago; they were nearly all friends of mine, and when I said, boys, I have been in office for four years, and I have not lost my sense of humor, a man in the rear of the room shouted, Have you got anything else left?" (Laughter.) This borough is practically unknown. I spoke to an assemblage some time ago out of town, and when I spoke of the Borough of Manhattan, one party asked me how far Manhattan was from New York City. (Laughter.) The Borough of Manhattan is all of New York. It is the Island of Manhattan, the most wonderful island ever known; it has three and a half millions of people, and comprises more than one-third of the State of New York. I bring you a hearty

welcome to the city. We love gatherings like this of women and men who come together and raise the ideals and tone of the profession and of the business world. That is what you are doing. One man cannot do very much, but by getting together and cooperating in this way you accomplish a great deal.

I understand that your profession has recently been officially dignified by bringing it on the same level with that of the physicians and surgeons. That is as it should be. We should do everything to raise the level of the professions, and any association that has for its purpose the betterment of the conditions of the profession or business industries is doing a splendid service. If some of you come to the municipal building where my office is situated on the 20th floor, you will get an interesting lesson in cooperation. If you look out of the window on Park Row and see the struggling insects called human beings, sweeping in great waves along the street, and appearing very insignificant, seeing how little, how weak they look, and then look out of the same window and see one of the grandest commercial temples the world has ever known, you will get a very interesting lesson, you will get a new optimism and you will not feel so weak. That is the lesson of your Association and of your convention. You recognize the weakness of the individual; you recognize the strength of the organization by cooperation. The day has passed when competitors underestimate and belittle each other in order to get benefit. We know better. Today we cooperate among ourselves. We owe a duty today which is greater. We must, in addition to our own cooperation among ourselves, cooperate with the government of the United States, with the President of the United States, a man whom we should back to the last in his efforts to do what is right and what is patriotic. (Applause.) Small political considerations must be cast aside. Politicians must not be narrow; they must not be partisan. I am a Republican, yet I stand by President Wilson from morning until night. (Applause.) When he says to us, economize in food, that means we must economize in food, and when he tells us to subscribe to the Liberty Loan, it means we must be willing to sacrifice a little to subscribe to the Liberty Loan (Applause.) Right in this hotel, if you are invited to a dinner, as no doubt many of you have been, you cannot eat one-third of the food that is brought to you. I am invited to two or three dinners a night here, and I know the bill of fare is entirely too much. You can only partake of a little of that which is brought to you and you leave the rest go. You cannot eat all; therefore, food is wasted. It is a crime, and in these critical times, we have no right to waste food. We should save it for not only our soldiers who are at the front, but our Allies, who should have the proper amount of food to support them. It is the same way with the Liberty Loan. We do not deserve any thanks for subscribing for it because it is the safest investment the world has ever known, and it is our duty to subscribe liberally. When our men go to the trenches and are willing to give up their lives, we who stay at home ought to be ashamed of ourselves if we do not help them by subscribing to this Loan. By liberally subscribing to this Loan it will mean shortening of the war, and if we do not oversubscribe, it will lengthen the war, because it will give hope to our enemies. (Applause.)

I have spoken my word right from the heart to you all, and I thank you for this privilege of welcoming you to the great City of New York. If there is anything I can do for any of you during your stay in New York, I shall be glad to do so. I have no doubt many of you think that New York is a cold city. It is far from it. It is a busy city; it is a lively city. It is not a good place to sleep in, but a great place to live in. (Laughter.) I can

assure you that New York pulsates warmly and quickly for its guests. No warmer people are to be found anywhere, when you know them, than the people of the great City of New York. I thank you. (Applause.)

THE PRESIDENT: I want to ask one favor of President Markes, and after what he has said I am sure he will grant it. I am going to ask him, and you need not listen if you do not care to, if he finds any of our officers or any members of the profession, or visitors of the Association, doing things in this city that are not too bad, if he will please see they are not punished. (Laughter.)

MR. MARKES: Like all of you, as a politician I have a certain amount of pull (laughter), and if any of you require bail or any other assistance on account of the the weaknesses of humanity, which we all possess, you can reach the President of the Borough on the telephone and he will be ready to be your brother. (Applause.)

THE PRESIDENT: You will now please give your attention to the response to the address of welcome by one of our esteemed members, Henry W. Morgan, Nashville, Tenn.

Response to Address of Welcome by Henry W. Morgan.

Mr. President, Members of the National Dental Association, Ladies and Gentlemen:

Altho this Association has passed thru many years of existence, this is the first occasion that it has ever held a meeting in the City of New York, and if there has been any doubt in the minds of any of its members of the wisdom of the selection of New York at this particular time of the year, that doubt has already disappeared.

We are fortunate in having received a cordial welcome from this high official of the City of New York. We have already felt the hearty handshake of every individual member of the profession. We are cognizant of the preparations that have been made by your Local Committee of Arrangements, and we thank you most heartily for all that you have done for our comfort. But for the kindness, the generous hearted helpfulness that fills the heart of the profession of New York, many of us would have been without a place on which to lay our heads.

The National Association which was born in 1896 by the union of the old American Association, an organization which probably did more for the uplift, the elevation and establishment of the professional character of dentistry than any other, that ever existed until this body was organized—had its birth at a meeting in Niagara Falls, altho it was in the minds of those pioneers in New York whom we should never cease to think of and to revere. I doubt if there is living today in America a single man who helped to organize that old American Association.

Going back in my own mind and reviewing the history of the profession as I personally know it, one of the very first acts of my professional career, and it was before I had received my degree of Doctor of Dental Surgery, was to help Dr. Aaron L. Northrup, of revered memory, President of the American Association. I was about to mention the year, but I believe it was somewhere about the beginning of the third quarter of the 19th century.

New York has always been in the forefront in everything in regard to dentistry, and in the hours that have been so shadowed with gloom, so filled with discontent and discouragement in recent years, especially in recent months since the drafting, New York has taught the world a lesson that will never be forgotten. As long as memory lasts, as long as human sacrifice is revered, the work of the New York dentists in preparing the mouths of the drafted men for the conflict as mentioned already by the President of the Borough of Manhattan, will

be revered as an act worthy of any profession.

We come this morning to this National Association meeting, with a different frame of mind than we would have come a few days ago, because our profession has been elevated, not by the hand of a single man, not thru the efforts of a few, but thru long years of work, thru long hours of discouragement and discontent, thru an act of Congress, placing upon the statute books of the United States a bill which proclaimed thruout the world that dentistry shall be and must be the equal of medicine. (Applause.) This is an occasion for great joy and pleasure on part of the dental profession, and is a manifestation of the interest that the world is taking in this great handmaid of medicine and great daughter of the healing art—dentistry. (Applause.) In the name of the members of the National Dental Association, I wish to thank President Markes very heartily for his cordial words of welcome. (Applause.)

THE PRESIDENT: There is a gentleman on the platform, and a member of this Association, who has a message that we would like for him to deliver to you at this time. I take great pleasure in introducing to you Don M. Gallie, of Chicago, Illinois. (Applause.)

Mr. President, Members of the National Dental Association and Friends:

After invoking the guidance of Almighty God and receiving an earnest, sincere and warm welcome from the representative of the greatest of American cities, it would hardly be fitting in these critical times for us to proceed with the deliberations of this great body, representing as it truly does the national spirit, without getting an expression of our loyalty to the flag and of allegiance to the land of our birth and the land of our adoption. And so I have been asked to present a resolution to this body this morning and to say a few words before submitting it to this assembly for consideration.

Every department of human endeavor today is doing the utmost to serve, to mobilize, to strengthen the resources of the different departments—to bring to a successful end the most terrible war in the history of mankind. It must be a great satisfaction to the members of our profession that we have the honor to represent, that we, along with all other great professions and all other great interests, have not been lacking in interest, nor have we lagged in accomplishing the object which we started out to attain.

When we stop to think that in a few months after the call came, or going back to 1914, when the war started, we got a message from Europe telling of that little band of American dentists there, aided by their colleagues in France and Britain, began to do the wonderful work of relieving soldiers that were severely wounded. Especially in the head on account of the present methods of warfare, we were stunned by the reports of these men, and we began to realize how inadequate our methods would be to look after the wounded soldiers as we ought to do. This meant more dentists. When we heard of what the Canadian Dental Corps had done, we felt there was some promise for the poor men who were suffering in the trenches.

Only a few weeks ago we received a call from our own country, and I tell you, there is nothing we should be prouder of today than the way in which the dentists have responded so nobly to the call of the representatives at Washington, and also proud of the men who have labored to have dentists rally to the cause and to do their bit. We must thank the men who have sacrificed and who have done so much for this work, and in rendering our thanks to them we must not forget Homer C. Brown, Emery A. Bryant, the deans of the different dental colleges, and the examining boards, as well as Major William H. G. Logan, who has practically given his whole time to this work that he

may still be of greater service to serve humanity. (Applause.)

When I entered the hotel yesterday and saw so many of our boys in khaki, it brought back to me one of the most pathetic things I have ever witnessed. In the early part of the war I was in the City of Winnipeg when a Scotch regiment was leaving that day for the front, and as the crowds marched behind to inspiring martial music, I felt a little lump in my throat, and to make it worse, standing by me was an old Scotchwoman who was watching the soldier boys go by. As they passed along she said, "God bless you laddies, you may never come back, but all of you will give a good account of yourselves."

We must not be satisfied with bearing the burden of our boys in khaki, but there is something for us to do. We must bear the burden, we must shoulder the responsibility as the President of the Borough of Manhattan has said. Do not be satisfied because you have done your bit because you have a dollar membership in the Red Cross or have bought a few Liberty Bonds, but go further than that, and dig and dig and give to every call because it is only in this way that this great war will be shortened.

I never speak on this subject without thinking of my own native town. To give you some idea of how the people in Canada are supporting their soldier boys, I will take my own City of Toronto, as an example. In that city there are numberless organizations working for the benefit of the soldiers, but there is one organization in particular; it has charge of the patriotic fund.

The government pays the enlisted men $33.00 a month. Those who have any dependents are paid $20.00 a month from the patriotic fund. Every once in a while this fund becomes depleted, and a campaign is started to replenish it. About ten months ago the funds were low. A give and serve campaign was started. They aimed to secure $4,000,000.00 in four days, and in three days the vast sum was secured. Seven months later a second campaign was started for the same purpose, and in two and a half days, $3,225,000.00 was secured. Inside of eight months the tremendous sum of $7,225,000.00 was given by the citizens of Toronto, a city of about 600,000 population. (Applause.) I do not think there was ever a more generous response to a call than this. What can be done in Canada can be more than duplicated in this great land of plenty. We must go to the limit in backing our government and supporting our boys who are not fighting for territory, or trade, but only for human rights. While we men must sacrifice much, it is nothing to the sacrifices our women must make. The ties that bind our mothers, wives, sisters and sweethearts to our soldiers are the greatest of all. But I know our American women will unfalteringly face any crisis. They will take their stand with their allied sisters. The women of Canada, Australia and Britain, like our women, have enjoyed all the fruits of happy, prosperous nations for years. No dark clouds have obscured their visions, but not so with the women of France. Since 1871 they have known it was only a question of time before Germany would again attack them. They knew that Alsace and Lorraine were not sufficient. They knew that the aim of Germany was the crushing and subjugating of fair France. They constantly heard the ring of forge and saw the glare of furnaces across the frontier preparing instruments of war. And so when the baby boy of France came into the world his French mother could not take to her bosom and say "This is my baby. This is my boy." But instead, she could only say, "You are a son of France! You some day will have to die that your country may live."

Men and women of America, we must join France in this great struggle to save not only our sister republic, but all free nations. (Loud and prolonged applause.)

In view of these facts it gives me great pleasure to present to your convention the following resolution:

His Excellency, President Woodrow Wilson, Executive Mansion, Washington, D. C.

Whereas, our nation is now engaged in a bitter conflict with the German empire to decide that momentous question whether democracy shall perish from earth, and

Whereas, it is vitally necessary under the present existing conditions that not only individuals but also organizations state clearly and publicly their position, therefore, be it

Resolved, that we, the National Dental Association of the United States of America in convention assembled in the City of New York, do hereby extend to you our sincere sympathy and hearty endorsement by pledging our skill, our money, and, if need be, our lives.

These resolutions were unanimously adopted by a rising vote.

The Secretary telegraphed these resolutions to President Woodrow Wilson, and received the following reply:

PRESIDENT'S REPLY.

The White House,
Washington, October 23, 1917.
(Personal.)

My Dear Sir:

The President asks me to make cordial acknowledgment of your telegram of this morning, and to tell you and everyone concerned that he deeply appreciates your patriotic assurances. With an expression of his hearty thanks, I am

Sincerely yours,
J. P. TUMULTY,
Secretary to the President.

Dr. Otto U. King, General Secretary,
National Dental Association,
Hotel Astor, New York City.

J. HOWARD ARDREY, Vice-President of the National Bank of Commerce, made an earnest and eloquent plea for subscriptions to the second Liberty Loan.

THE PRESIDENT announced that the House of Delegates had already subscribed 15,000 to liberty loan.

E. T. DARBY, of Philadelphia, was introduced and said:

Mr. President, Ladies and Gentlemen:

It is not in behalf of myself that I take this opportunity of speaking to you, but it is in behalf of one of the older members of the dental profession, I think the very oldest living member in the world. I want to make an announcement and offer a suggestion.

Dr. Jesse C. Green, of West Chester, Pennsylvania, will be 100 years old on the 13th day of December, 1917, if he lives until that time. Dr. Green is contemporary with some of the older men whose names are familiar to the dental profession. He was born in 1817. He was contemporary with such men as Soloman Brown, John P. Rich, Chapin A. Harris, Horace Hayden, Amos Wescott, and a score of other men whose names are familiar as members of the profession in the early days. The request that I have to make to you is this, that you, on the 13th day of December, or a day or two before, write Dr. Green a letter of congratulation and extend to him greetings. (Applause.)

A. P. BURKHART, Auburn, N. Y., First Vice-President, was called to the chair by the President.

Mr. President, Fellow Members of the National Dental Association, Ladies and Gentlemen:

One of the speakers stated that this is the first meeting that the National Dental Association has ever held in the City of New York, and it may seem strange to you that that is the case.

Some three or four years ago, thru the auspices of the New York State Dental Society, an effort was made because of requests on part of prominent organizations in the State of New York, that the meeting of the National Dental Association be held in the great City of New York. It was decided at Louisville, that

this convention of 1917 be held in this great city, the metropolis of the world, in my opinion the greatest city on the globe, because here are congregated nearly every civilization, nearly every enterprise in commercial life, and it is certainly a great city as has been shown in a patriotic way in the war in which we are now engaged and which is receiving a great deal of our attention.

The President of the Borough of Manhattan spoke of cooperation, and I am sure that the dental profession is willing to cooperate in every way that it can in not only aiding the profession and those who are engaged in the laudible enterprise of enlisting and preparing the boys who are going to the front, but is also willing to cooperate in every way, and if this is done, it will be an inspiration not only to the President of the Borough of Manhattan, but to every man engaged in political life, that he may to the best of his ability cooperate not only with the best interests in which he is directly concerned, but also to the best interests of the state and the nation which he serves.

With these few remarks, I have the honor, ladies and gentlemen, to introduce to you the President of the National Dental Association, Lafayette L. Barber, Toledo, Ohio, who will now deliver his address. (Applause.)

It is quite fitting that he should be chosen as the man to do this, more especially because he comes from the good old buckeye state, which has presidents of all kinds, especially notable presidents of the United States who have served in years gone by.

I take great pleasure in introducing to you Dr. Barber. (Applause.)

DR. BARBER then delivered his address. See page 1281.

At the conclusion of the delivery of the address, the Vice-President said: If there is no objection, the President's address will be placed in the hands of the Committee on President's Address. As there was no objection, it was so ordered.

Dr. Barber then resumed the Chair and introduced as the next speaker, E. C. Rosenow, Rochester, Minnesota, of the Mayo Foundation of the University of Minnesota, who spoke on "Focal Infections with Special Reference to Diseases of the Mouth and Jaws."

The address was illustrated by numerous slides and will apear in a later issue of The Journal.

President Barber thanked Dr. Rosenow for his splendid and instructive address.

Adjourned.

SECOND GENERAL SESSION.—TUESDAY, 8 P. M.

REPORTS OF SPECIAL RESEARCHES.

Pathological, Bacteriological and Clinical Studies.

The second general session was called to order Tuesday, October 23, 8 P. M., by the President.

The following papers were read:

"Dental Caries," by Russell W. Bunting, and U. G. Rickert, (B. S. M. A.) Ann Arbor, Michigan.

"A Study of the Pathology of the Peridental Membrane," by Frederick B. Noyes, Chicago Illinois.

"The Histo-Pathology of Chronic Periodontitis and the Pathogenesis of Dental Cysts," by Arthur T. Henrici (M. D.) and Thomas B. Hartzell, Minneapolis, Minnesota.

"A Comparative Study of Oral Focal Infections," by Weston A. Price and Milton J. Damlos, Research Institute Laboratory, Cleveland, Ohio.

Adjourned.

All papers will be published in later issues of The Journal.

THIRD GENERAL SESSION.—WEDNESDAY, 8:30 P. M.

The third general session was called to order Wednesday, October 24, 8:30 P. M., by the Chairman of this session, Herbert L. Wheeler, New York City.

Symposium: "Dental Surgery and Restorative Prosthesis in the European War."

Major William H. G. Logan, Chicago, Illinois, and Washington, D. C., spoke on "The Dental Profession's Contribution in the Present War Emergency."

In the absence of Alexius Carrel, of Paris, France, Dr. Louis, of the French Army presented the subject, "War Surgery," with numerous lantern slides.

Charles F. Ash, President of the First District Dental Society, of New York, gave an address.

Frank H. Cushman, Boston, read a paper entitled "War Dental Restoratives and Prosthesis."

Dudley Guilford, Philadelphia, read a paper on "War Oral and Plastic Surgery."

Adjourned.

FOURTH GENERAL SESSION.—THURSDAY, 8:30 P. M.

The fourth general session met in the Grand Ball Room of the Hotel Astor and was called to order Thursday, October 25, at 8:30 P. M. by the Chairman, of the Oral Hygiene Committee, Charles H. Oakman, Detroit, Michigan.

This was a mass meeting devoted to dental and oral hygiene.

The Chairman introduced Haven Emerson, Health Commissioner of New York City, who gave a popular talk on public health matters.

F. H. Skinner, Chicago, Illinois, read a paper on "Some Thoughts on Mouth Hygiene." This paper was discussed by R. Ottolengui, New York City, and Thomas J. Barrett, Wooster, Massachusetts.

Guy LeRoy Hunner, (S. B., M. D.) Baltimore, Maryland, contributed a paper entitled "The Importance of Dental Infections as Related to Urinary Tract Diseases with Especial Reference to Ureteral Stricture and Its Sequelae." This paper was illustrated by numerous slides.

Dr. Hunner's paper was discussed by Major William H. G. Logan, of Chicago, and Henry Furniss, of New York City.

Adjourned:

FIFTH GENERAL SESSION.—FRIDAY, 12 M.

The fifth general session met Friday, October 26, at 12 M. and was called to order by the President, who stated that this was the last general session, which was set aside for the installation of officers.

He appointed as a committee to escort the newly elected officers to the platform, Drs. J. D. Patterson and Henry D. Morgan.

The following officers were duly installed:

MAJOR LOGAN: If I can be as fair and as just in my rulings as Dr. Barber has been I shall feel satisfied. He has had one vision, and that is, to do the square thing by all members in all problems and I shall endeavor to do the same thing. You will always know where I stand.

The meeting next year is to be held in the City of Chicago. Probably you do not know that next year is the sixtieth anniversary of the organization of dentistry as a national body. Fifty-nine or sixty years ago there was an American Dental Association. There will be a celebration of the organization of dentistry and the national body in Chicago next year. Where did that oraganization occur sixty years ago? It occurred in the

City of Chicago, and we are asking you to come back and celebrate the growth of that organization of dentistry as a national body. Since that time the old American Dental Association, the original association has passed out of existence. Since then there has grown up the Southern Dental Association, which has passed out of existence, and there has been created the National Dental Association. On the occasion I refer to we are going to ask the ex-Presidents, representing the Southern Dental Association, the ex-Presidents representing the American Dental Association, the ex-Presidents representing the National Dental Association to be the guests of the Society in the City of Chicago, and we are going to have a luncheon given in honor of these men.

Following that, that day we are going to proceed to the place where the Black Memorial Monument will be unveiled. It is a suitable thing to do on such an occasion. (Applause.) Dentistry will have accomplished some other things that have not been accomplished in war times. We will have many men develop new things, and we will have these men there at that meeting. We should keep up the interest in dentistry in spite of war because we can greatly benefit humanity. We should not neglect these meetings. We should hold local, state and national meetings in the future as well as in the past.

As to the general type of meeting next year, we cannot discuss it definitely at this time. We have had eight departments created at this meeting, with three or four groups of officers elected. We must endeavor to readjust these officers to the various departments, and while there may be a little dissatisfaction by so doing, we shall try to make this readjustment with as little friction as possible. Hereafter each department will elect its own officers in the usual way.

If I may be allowed to stay in this country to preside, and do not have to go to Panama or France, I will do as I have been doing with the dental problems.

I thank you for the distinguished honor you have conferred upon me. (Applause.)

H. J. BURKHART moved that a vote of thanks be extended to the retiring officers, to the local Committee of Arrangements for the work they have done, and to the hotels for their accommodations, all contributing towards making the meeting such a great success.

THIS MOTION was seconded by several and unanimously carried.

HENRY A. KELLY, Portland, Maine, Vice-President, was introduced and said: If there is any work that I can do as Vice-President of the Association, I assure you it will be done. (Applause.)

M. E. VANCE, Lincoln, Nebraska, Vice-President, was introduced and said: I assure you as a representative of Nebraska, I appreciate the honor that has been given to our state. This honor does not come to me personally but to my state, and whatever the Nebraska men can do as a whole or I can do individually will be done. (Applause.)

CLARENCE J. GRIEVES, Baltimore, Vice-President, was introduced and responded in a very brief, but felicitous speech.

THE GENERAL SECRETARY, Otto U. King, was called on for a speech. He said: I wish to thank all of you for the great honor which you have bestowed upon me, and I want to say this: I thank Dr. Barber from the depths of my heart for the kind friendship, consideration and cooperation he has given me, and altho we have not always seen eye to eye, I have never had any trouble in finding out where he stood. We should not lose sight of the fact that Dr. Barber has been of inestimable value to us, and I am sure we will have his cooperation

and enthusiastic support during the coming year.

I wish to thank the members of the local committee for the hard work and great sacrifice they have put forth to make this meeting a great success.

I do not receive this great honor in the sort of spirit that it is just coming to me, but I like to believe it comes to me as a divine call, and I expect to do all I can not only to raise the standard of dentistry but to help my Maker to make of each one the ideal men we ought to be. (Loud applause.)

PRESIDENT LOGAN: I will ask the President-elect, Dr. Vignes, to say a few words:

DR. VIGNES said: Mr. President, Ladies and Gentlemen: President Logan has told what Chicago is going to do for us next year when we get there. When you meet in New Orleans, we will do everything we possibly can to make that meeting a grand success, both socially and scientifically.

I thank you for the honor you have conferred upon me. I have looked studiously over the program and can find nothing that the President-elect has to do except to sit around and look wise. However, if my services are needed in any capacity, I am not only willing but exceedingly anxious to help you. (Applause.)

As there was no other business to come before the association on motion, duly seconded and carried, the association adjourned to meet in Chicago in 1918.

L. L. BARBER, President.
OTTO U. KING, Secretary.

PROCEEDINGS OF THE HOUSE OF DELEGATES

OF THE

NATIONAL DENTAL ASSOCIATION

Held in New York City, New York, October 22-26, 1917.

FIRST SESSION—MONDAY, OCTOBER 22, 1917.

THE House of Delegates met in Rose Room, Hotel Astor, October 22, 1917, at 2 P. M. and was called to order by the President, Lafayette L. Barber, Toledo, Ohio.

THE COMMITTEE on Credentials made a preliminary report, stating that the list of Delegates and Alternates as printed in the official program had been verified.

IT WAS MOVED and seconded that the report be adopted. Carried.

THE SECRETARY called the roll and announced a quorum present.

THE PRESIDENT announced the following Reference Committees:

COMMITTEE ON SECTION AND SECTION WORK.

C. W. Mills, Ohio, Chairman.
H. Clay Hassell, Alabama.
J. A. Wallace, Nebraska.

COMMITTEE ON RULES AND ORDER OF BUSINESS.

A. D. Black, Illinois, Chairman.
C. C. Allen, Missouri.
A. C. Jones, Connecticut.

COMMITTEE ON DENTAL EDUCATION.

B. W. Bunting, Michigan, Chairman.
H. G. Gillet, New York.
L. Meisburger, New York.

COMMITTEE ON LEGISLATION.

F. O. Hetrick, Kansas, Chairman.
C. A. Hawley, District of Columbia.
H. A. Kelly, Maine.

COMMITTEE ON AMENDMENTS.

A. C. Rich, New York, Chairman.
F. O. Hetrick, Kansas.
F. M. Casto, Ohio.

COMMITTEE ON REPORTS OF OFFICERS.

T. I. Way, Ohio, Chairman.
F. L. Hunt, North Carolina.
W. T. Chambers, Colorado.

COMMITTEE ON CREDENTIALS.

W. T. Mason, Florida, Chairman.
F. S. Woods, Maine.
W. T. Chambers, Colorado.

COMMITTEE ON MISCELLANEOUS BUSINESS.

H. E. Friesell, Pennsylvania, Chairman.
L. E. Phelps, Ohio.
R. H. Volland, Iowa.

The President called for a report from Committee on Rules of Order.

This committee stated that they would respectfully report and move the adoption of the order of business as printed in the official program. Seconded and carried.

The President-elect, William H. G. Logan, Illinois, was called to the chair to preside during the delivery of the President's address to the House of Delegates.

The address was as follows:

PRESIDENT'S ADDRESS.

To House of Delegates:

As this is the legislative body of the National Dental Association, I take the

liberty of presenting the following for your consideration:

1. I have taken the liberty of making the President-elect a member of certain committees, because in electing a President-elect, it was obviously for the purpose of giving him an opportunity to familiarize himself with the workings of the society and its affairs before he took office, which he could not do except he be a member of certain committees, and for that reason, I made him an ex-officio member of the Board of Trustees.

2. The Ad Interim Committee and your President, for reasons which have developed during this year, deemed it wise to form a Ways and Means Committee. I would ask that that committee be made a permanent one, as there will at all times be work for it to do. I took the liberty of putting the President-elect on the Ad Interim Committee, for by so doing, he has a chance to familiarize himself with the work of the whole year.

3. I also created a Crown and Bridge Work section.

4. A section for Anesthetists.

I considered it imperative for the best interests of the society that these things should be done, and I did them. Now I would ask that this body legalize this action.

5. That hereafter the President-elect be made a member of the Ad Interim Committee and ex-officio member of the Board of Trustees.

6. That there be created a standing committee on Ways and Means.

7. That there be created a section or Department on Crown and Bridge Work.

8. That there be created a section or Department for Anesthetists.

9. I assumed the responsibility of asking the American Academy of Prophylaxis and Periodontology to meet at this time and place, and to put their program on for us. They very kindly agreed to do so, and

10. I would recommend that a committee be appointed to confer with a like committee from the foregoing society for the purpose of making some satisfactory, permanent arrangements for a joint program of at least the annual meeting of each society.

11. I would recommend that the election of officers of all sections be the last order of business of the morning session of the first day, thereby giving time for organization and consultation, with the incoming president regarding his policy for the year's work.

12. I would recommend that all money of the association shall be spent directly under the supervision of the Board of Trustees.

13. That the committee on Dental and Oral Hygiene be changed to a section.

14. That this association make such contribution to the Black Memorial as seems fitting for such a worthy cause.

15. That a standing committee be appointed, with such title as "Committee on the Public Service Relations of Dentistry." Under such committee could very properly come: (a) Such activities as the Preparedness League of American Dentists, dealing as it does with the Public Service Relations of Dentistry in connection with Army and Navy recruiting activities. (b) The service of dentistry in public institutions, such as schools, hospitals, asylums, and in fact any public or charitable work that might properly come to this organization.

SINKING FUND.

16. That this association set aside not less than 10% of all money (other than the relief fund) collected thru the office of the general secretary, for a sinking fund.

I would recommend that this Association invest $15,000 of the money belonging to its Relief Fund in Liberty Bonds, and that it be done before the Liberty Loan Address, to be given by J. Howard Ardrey, is made.

17. I would recommend that there be created in The Journal of the National Dental Association a section for states

where such matters as may be of importance to them can properly be printed. There is such a section now, but I want the House of Delegates to so understand it.

18. I recommend that the word "Section" as it is now used, be abolished. The scope of this association should be such as to cover all phases of dentistry, and each section should stand for a specific thing, instead of having two or three sections and allied subjects to cover all branches. It is not comprehensive enough.

19. The appointment of a committee for the purpose of thoroly establishing the merit of new discoveries and contributions of research, as well as mechanical devices, such committees to report to the House of Delegates their findings for confirmation or rejection.

20. That Section 6, Chapter III of the Constitution and By-Laws be changed, for the reason that as it now reads, it is possible for undesirable persons wishing to attend a meeting of this association to make application for membership, and get two members of their constituent society to sign same, when it would be absolutely impossible for such persons to be elected by said constituent society. This section should be changed so that such a thing could not happen.

21. That book reviews should be made by men well fitted for the particular subject to be reviewed, and their findings to appear in The Journal of the National Dental Association without the names of the persons doing the reviewing be published.

NATIONAL DUES OF MEMBERS OF DENTAL RESERVE CORPS.

22. I would like to see the different state societies take care of the National Dental Association dues for their members of the Dental Reserve Corps while they are doing active service. Otherwise if the war lasts one or two more years, the National Dental Association will have lost something like 4000 members, entailing a loss in dues of $8000, an amount that could be illy borne by this association, which, if divided among the various states, would amount to but little.

At a joint meeting of the Trustees of The National Dental Association and Trustees of Research Institute, held in Cleveland, Ohio, March 10th, it was agreed to recommend to the various state societies that they increase their dues one dollar for the Research Institute; that such money be paid directly to the Treasurer of that institution, thus relieving the National Dental Association of the responsibility of such raise in dues, as your officers believed to raise the dues of the National at this time would be disastrous to the best interests of this association, and the understanding was that the National dues were not to be raised at this time, thus making it optional with the State societies as to whether they should raise their dues.

TIME OF MEETING.

23. The time for holding the National Dental meeting should be changed to more fully meet the approval of the college men. October is a little late for them, as most of the schools commence the first of October, making it a very busy time for them to get away. Then the meeting should be held before the summer railroad rates expire. It makes a very considerable difference to those coming long distances, and I would recommend that thereafter the railroad summer rates, together with the best interests of the colleges, when fixing the time and place of meeting, be taken into consideration, remembering that the members of the Association fix the time and place, and then if not satisfactory, the officers get the blame.

THANK LEGISLATORS.

24. I would request that all Dental Societies and members of this association write letters to the same Senators, Congressmen, the President, Secretary

of War, and others to whom they wrote prior to the passage of the Dental H. R. 4897 amendment, thanking them for their support, and that the Secretary of this association be instructed to thank them officially.

The address was referred to the Reference Committee on Reports of Officers.

F. O. HETRICK, Kansas, moved that the Board of Trustees be instructed to subscribe $15,000.00 in Liberty Bonds. Motion seconded.

After discussion by Drs. Gaylord and Kelly, the motion was put and carried unanimously.

THE SECRETARY read his report, as follows:

REPORT OF THE GENERAL SECRETARY.

To the House of Delegates of the National Dental Association, I submit the following report:

The following table shows the organization of Constituent Societies. It also makes a comparison of the 1917 membership with the 1916 report on membership, by State Societies.

State	No. Component Societies	No. Members in 1916	No. Members in 1917	No. Delegates 1917
Alabama		129	196	2
Alaska Territory			1	1
Arizona		25	24	1
Arkansas		106	135	2
California State		406	679	4
California Southern		151	440	3
Colorado		242	295	2
Connecticut		344	396	3
Delaware		3	3	1
Dept. of Interior		1	1	1
District of Columbia		112	123	2
Florida		136	148	2
Foreign Members		3	8	1
Georgia		213	212	2
Hawaiian Islands		....	....	..
Idaho		....	....	..
Illinois	27	1675	1844	11
Indiana	7	727	973	6
Iowa	12	710	900	6
Kansas	9	482	440	3
Kentucky	8	303	354	3
Louisiana		66	123	2
Maine		129	155	2
Maryland		172	210	2
Massachusetts	5	665	215	2
Michigan	10	820	765	5
Minnesota	7	668	745	5
Mississippi		134	125	2
Missouri	11	705	804	5
Montana		59	114	2
National Capital		27	35	1
Nebraska		369	411	3
Nevada	..	....	....	..
New Hampshire		....	24	1
New Jersey	12	435	569	4
New Mexico		27	49	1
New York	9	2889	1565	9
North Carolina		....	291	2
North Dakota		127	141	2
Ohio	28	1289	1327	8
Oklahoma	7	255	297	2
Oregon	7	131	184	2
Pennsylvania	15	802	1443	8
Philippine Islands		2	2	1
Porto Rico		....	37	1
Rhode Island		114	119	2
South Carolina		14	177	2
South Dakota		3	175	2
Tennessee		154	265	2
Texas		503	463	3
Utah		188	116	2
Vermont		117	85	1
Virginia		168	193	2
Washington	8	258	451	3
West Virginia	6	134	182	2
Wisconsin	18	446	695	4
Wyoming		16	49	1
U. S. Army Dental Corps		81	44	1
U. S. Navy Dental Corps		....	13	1

Membership.

The membership of the National Dental Association has had a steady and commendable yearly increase. The Secretary's report of 1914 shows a membership of 11,883. The report of 1915, a membership of 14,424. The report of 1916, 18,112. While the Secretary's report to October 12, 1917, notwithstanding the increase of dues to $2.00, or the fact that a great war crisis had to be faced, we are pleased to report an active membership of 19,830. This is a net increase of 1,718 members over the record of 1916.

Respectfully submitted,

OTTO U. KING, General Secretary.

This report was referred to the Reference Committee on Reports of Officers.

The report of the Judicial Council was called for.

THE SECRETARY stated that T. L. Grisamore, Illinois, Chairman, was unable to attend the meeting on account of sickness, hence there was no report from the Council.

The report of the Committee on Dental Legislation was called for.

HOMER C. BROWN, Ohio, Chairman, asked that this report be deferred until the next session of the House of Delegates. His request was granted.

D. C. BACON, Illinois, Chairman, presented the report of the Committee on Transportation and Place of Sessions, as follows:

REPORT OF TRANSPORTATION COMMITTEE.

House of Delegates, National Dental Association.

In pursuance of the duties of the Transportation Committee, applications for reduced fares to the 1917 meeting were filed November 1st, 1916, with the following Passenger Associations:

Central Passenger Association,
Eastern Canadian Passenger Association,
New England Passenger Association,
Southeastern Passenger Association,
Southwestern Passenger Association,
Trans-Continental Passenger Association,
Trunk Line Association,
Western Passenger Association.

In response to these applications, the Central Passenger Association granted a rate of two cents per mile in each direction; round trip tickets requiring validation in New York City on sale October 19, 20, 21, 1917, with a final return limit to reach original starting point not later than midnight of October 30th.

The Eastern Canadian Passenger Association replied that the probable attendance from points in Eastern Canada would be insufficient to warrant the institution of special reduced fares for this occasion.

The New England Passenger Association authorized a rate of two cents per mile in each direction; short line mileage, going and returning via the same route only, and over which one way tickets are regularly sold. Tickets to be sold and good going October 19-20-21 and returning not later than midnight of October 30.

The Southeastern Passenger Association declined, in view of the fact that the probable attendance would not be sufficient to justify publishing special fares.

The Southwestern Passenger Association deemed it inexpedient to authorize reduced fares for this meeting in view of the limited attendance expected.

The Trans-Continental Passenger Association advised that summer rate tickets from North Pacific points might be purchased up to September 29th with return limit October 31st. Regular nine months Excursion fares, approximating two cents per mile in each direction, are in effect daily from California and North Pacific Coast points.

The Trunk Lines authorized two cents per mile in each direction, with minimum of $1.00 for round trip, on the Certificate plan. These certificates must be obtained from the Ticket Agent at the starting point, and to be valid for the reduced fares returning, must be endorsed by the secretary of the National Dental Association, indicating that the holder has been in attendance at the meeting and is entitled to the reduction, and must also be validated by a special agent on either October 24, 25 or 26. Return tickets will be sold on presentation of validated certificates October 24-29 at the difference between the fares paid on the going trip and the fares for the round trip; these latter tickets to be limited to continuous passage to destination, which must be reached in no case later than October 30th.

The Western Passenger Association advised that it would not be practicable for them to make concessions in fares from their territory.

Respectfully submitted,

D. C. BACON, Chairman.
JOSEPH D. EBY.
MAX M. EBIE,
ROSCOE A. DAY.
HOWARD S. SEIP.

This report was referred to the Committee on Miscellaneous Business.

J. D. PATTERSON, Missouri, reported that the Committee on Oral and Dental Hygiene would report at a later session.

EDWARD S. GAYLORD, Connecticut, Chairman, presented the report of the National Relief Fund, as follows:

REPORT OF COMMITTEE ON RELIEF FUND FOR 1916-1917.

Your Committee submit the following report:

The several properties of the National Dental Association Relief Fund as taken from the report of the Treasurer of the National Dental Association bearing date of October 15th, 1917, are as follows:

On deposit at 4 per cent. Compounded Semi-Annually in Lincoln National Bank, Savings Dep't., Rochester, N. Y.	$ 5976.41
In Holston National Bank, Savings Dep't., Knoxville, Tenn.	5497.12
In Citizens State Bank, Huntington, Ind., Savings Book No. 888	5926.95
Savings Book No. 890	1662.97

U. S. Steel Stock	500.00
Five Bonds	500.00
Net balance	$20063.45

Expense for Relief Fund per Vouchers No. 3 to No. 11, this amount withdrawn from Holston National Bank....$ 1731.30

In our report last year we outlined our plan of conducting our activities thru the office of our General Secretary, and we feel no mistake has been made, as evidence, the increase of $7828.04, over the previous year is both encouraging and gratifying.

We take up the work this year with renewed energy, with full realization the call for funds in every direction, is without a parallel in the history of our Country, but we feel the splendid response of the past year will not be allowed to lapse, when so many of our members are in actual need.

We ask for but one dollar per capita; sending the Christmas Seals is but a reminder, in our own household is need of recognition of the value of a relief fund, and as gradually the fund increases so should our interest increase, by effort to induce every member of this great Association, to send to our Secretary, the small sum the seals represent.

We are not unmindful of the generous contributions from several State and local Societies, and individual members, of which it is a pleasure to make prompt acknowledgment; and we hope, notwithstanding the terrible trial in which our great and noble Country has entered the value of a relief fund at home will not be ignored.

Respectfully submitted,

L. G. NOEL,
W. T. CHAMBERS,
JAMES McMANUS,
E. S. GAYLORD, Chairman,
Committee.

ON MOTION, the report was received and accepted.

The report of the Scientific Foundation and Research Commission was called for.

WESTON A. PRICE, Ohio, Chairman, asked that the report be deferred until tomorrow, which request was granted.

O. W. WHITE, Michigan, Chairman Clinic Committee, presented the official program as its report as it contained all the announcements and particulars about the organized society clinics, illustrated clinics, and oral surgery clinics.

J. V. CONZETT, Iowa, Chairman, presented the report of the Educational Council of America, as follows:

REPORT OF THE DENTAL EDUCATIONAL COUNCIL OF AMERICA.

Gentlemen:—

This has been a triumphant year for dentistry. Since our last meeting a great many things have happened of special interest to this body, and to the profession in general. I am sure that you will be pleased to learn that the constructive work which this Council did last year has yielded fruitful results. It has seen the four year course firmly established by all dental schools in the United States, and effectively prevented a return by some schools to the three year course. It is no longer necessary for us to encourage ourselves in order to continue in this work, but other agencies and forces have recognized the work which this body has done in the last six or seven years. As an evidence of this I will quote the President of the Dental Faculties Association of American Universities, Dr. F. T. Breene, in his annual address delivered in Philadelphia, Pa., January 26th, 1917, as follows:

"The Educational Council of America has presented a schedule of subject hours for class A dental colleges. The work accomplished by the Educational Council has been for the betterment of dental educational conditions. If fixed headquarters and funds for the employment of a permanent secretary were provided, this Council could produce better results; they have been hampered by the lack of funds and sufficient time to devote to careful investigation of colleges."

It must be recognized that it is the method of instruction and the pedagogic application of methods that produce subject results, and not scheduled hours.

In spite of the fact that this is both a favorable and an unfavorable criticism, I nevertheless regard it as a recognition of the value of supervision of dental schools by a duly authorized agency.

Two schools were consolidated during the year, The Southern Dental College and the Atlantic Dental College, the Southern Dental College retaining its name and property and absorbing the principle members of the faculty of the Atlantic Dental College.

The active officers in the new school are: Dr. S. W. Foster, President; Dr. T. B. Hinman, Dean, and Dr. C. N. Hughes, Registrar. The President and Registrar will actively manage the college. An addition to the present building will be erected at a cost of $35,000. This school and the section of the country which it serves, is to be congratulated.

Class A Requirements.

Many inquiries have been received this year by your Secretary relative to the Council's intention in the adoption of its minimum requirements

for Class A dental schools. These inquiries covered nearly every phase of these requirements, but most of them were directed to the curriculum, the schedule of hours, the entrance requirements, the teaching of the sciences in conjunction with medical students, the buildings and equipment. Much attention was also directed to the new branches in the freshman year—Biology, Physics and English.

I have made a careful study of the statements contained in the catalogs of those schools who submitted them in response to my request, and find that a majority of the schools have adopted these branches in one form or another, with a sufficient degree of uniformity so that if the branches are taught properly, satisfactory results should be obtained. I took it for granted that it was not our intention that dental schools would be expected to adopt the same hard and fast curriculum, because each school should serve its own locality primarily, and each has its own problems. Absolute uniformity in dental curricula cannot be expected, and in my opinion, is not desirable. Some deans have complained that there are so many different kinds of requirements, quoting the New York Regents requirements as an example, that it is difficult to meet all these. In my replies I informed the writers that this being the first year of the Council's enforcement of our minimum requirements that all these variations from type and form would be considered by us at our next meeting, and that the subject of the New York Regent's requirements was already a matter of inquiry and study, and that it was my opinion that a harmonious adjustment would finally result. All letters received by me on this subject, and my replies thereto, together with all catalogs from dental schools, are in the Secretary's file, and may be examined by any member of this Council.

Tabulation of Attendance in Dental Schools.

The reports received from the deans of the various schools indicate that the falling off in the attendance of the Freshmen year is 47%. The falling off in the general attendance is 17%. These figures are based upon reports received from twenty-five schools. This decrease in the attendance is due not only to the adoption of the four year course, but also to war conditions. The relief which was given dental students by Congressional enactment on October 6th probably came too late to materially increase the general attendance, and moreover, the law which grants temporary exemption does not include freshmen.

What the Council Can Do to Aid the Government.

The principal thing we can do is to encourage dental schools to bend their best efforts toward such a modification of the dental curriculum which will better prepare our graduates to do the work in the Dental Reserve Corps. This will mean that it will be necessary for schools to place a greater emphasis upon those branches of the curriculum which would come under the general head of "war surgery," such as, Principles of Surgery, Plastic Surgery, Mechanics of Fractures of the Jaw, Conductive Anesthesia, Exodontia, Review Work in Anatomy of the Head and Neck, Surgical Pathology and Bacteriology.

The problem of Trench Mouth is one which we may not, in my opinion, overlook. There is a very urgent need for an investigation of the etiology of Trench Mouth, and the methods of treatment of the same. We should ascertain what we can do to aid the Government in this investigation, and offer our support to the Research Institute of the National Dental Association.

The Next Step.

This brings us to a consideration of the classification and rating of dental schools, and how this can best be done under present conditions. That something must be done is, of course, understood, but the wisest way in which to get at it must be worked out by this body. You will recall that last year we decided that no schools should be visited or inspected during the session of 1916-17, in order that all might have ample opportunity in which to prepare for the beginning of the four year course. It was also decided that the coming year should be devoted to an inspection of the schools in order to determine the character of the work done, and that this, together with our minimum Class A requirements, should form the basis for a college classification. The question then for this Council to decide is, how shall dental schools be classified and rated? It is well worth our best efforts to make this the principal subject of our careful study and deliberation at this time.

Respectfully submitted,

HENRY F. BANZHAF, Sec'y.

This report was referred to the Reference Committee on Dental Education.

HENRY E. GERMANN, Ohio, Chairman, presented the report of the Forsyth and Eastman Tablet, which was referred to the Reference Committee on Miscellaneous Business.

A. C. RICH, New York, Chairman, presented the report of the Committee on Amendments, which was referred to the Reference Committee on Amendments.

The report is as follows:

REPORT OF THE COMMITTEE ON AMENDMENTS.

Your Committee beg leave to report the following changes in the Constitution and By-Laws, as follows:

Constitution. Article IX, Section 1. After the words "shall be a President" add President-elect.

By-Laws. Chapter VIII. New Section 2. Changing numbers of Sections 2, 3, and 4, to 3, 4 and 5, respectively.

Chapter VIII. Section 2, By-Laws.

The President-elect shall perform such duties as the President may require and may be prescribed by the House of Delegates. He shall be a member ex-officio of such components as are the President and General Secretary, and shall be informed by the officers of the Association and others in authority of all matters relating to the activities thereof, thus preparing him to assume the office to which he is elected.

WILLIAM H. G. LOGAN, Illinois, Chairman, presented the report of the G. V. Black Memorial, which, on motion, was accepted.

The report is as follows:

REPORT OF THE BLACK MEMORIAL COMMITTEE.

At the 1916 meeting of the National Dental Association a Committee was appointed to arrange for a suitable Memorial to Dr. G. V. Black in commemoration of his signal service to the profession and to humanity.

The Committee met the third Tuesday in September, 1916, for organization and the decision was reached that a communication should be sent to all members of the National Dental Association giving them the personal privilege of assisting in the movement. The amount requested was made small so every dentist could be represented. This communication for contributions was mailed on November 10, 1916, and the funds received from Individuals and Dental Societies to date are as follows:

Receipts.

Contributions (Individual and Society)	$7726.37
Interest and interest coupons	201.09
	$7927.46

Disbursements.

Exchange on out of town checks	$ 49.62	
Expense of stamped envelopes for letter sent out to N. D. A. members	371.24	
	$ 420.86	420.86
Balance in bank and invested in bonds		$7506.60

Investments.

Dec. 11, 1916, 2000 Public Service 5s	$1939.44
Dec. 11, 1916, 1000 Chicago R. R. 5s	988.06
Dec. 11, 1916, 500 Kansas City R. R. 5s	501.11
Jan. 31, 1917, 1000 Public Service 5s	979.17
Jan. 31, 1917, 500 Kansas City R. R. 5s	492.08
Feb. 9, 1917, 500 Kansas City R. R. 5s	492.64
June 13, 1917, 1000 Commonwealth Edison 5s	1019.17
Aug. 9, 1917, 500 Swift & Co. 5s	497.14
	$6908.81
Oct. 15, 1916. Balance in bank	597.79
	$7506.60 $7506.60

The Committee decided at their first meeting that the form of the Memorial would be left open until an opportunity had been given to the profession to make their contributions and then reach a final decision after conference with Dr. Black's relatives and most intimate friends, for we felt sure the profession would be perfectly satisfied if the Committee was to be wholly influenced by relatives and most intimate friends of the man they wish to honor—for by pleasing those who loved and honored him most we had reason to believe we could satisfy his admirers.

The Committee recommends that the Memorial be constructed of enduring marble and bronze and located in Illinois, Dr. Black's home State. A jury of three men has been appointed to sit and select the two most meritorious models from among those submitted. Said jury is composed of Lorado Taft, Hutchison and Wells. The exact location of the Memorial will be decided upon after the approved model has been presented by the Committee to those controlling the site sought by the Committee for the erection of the Memorial.

It is the belief of the Committee that the Memorial can be completed and ready to unveil by July or August, 1918.

Respectfully submitted,

T. L. GILMER.
C. N. JOHNSON.
E. K. BLAIR.
F. B. MOOREHEAD.
WM. H. G. LOGAN, Chairman.

October 15, 1917.

Contributions by States to the Black Memorial Fund.

Alabama	$ 12.00
Arizona	11.50
Arkansas	16.00
Argentine Republic	20.00
California	266.60
Colorado	57.00
Connecticut	26.00
Delaware	2.00
District of Columbia	20.00
Dominion of Canada	7.25
Florida	8.00
France	50.00

Georgia	35.10
Honolulu	9.50
Idaho	2.00
Illinois	3224.92
Indiana	429.10
Iowa	370.00
Kansas	40.00
Kentucky	13.50
Louisiana	16.10
Maine	16.50
Maryland	43.00
Massachusetts	58.00
Michigan	66.00
Minnesota	295.00
Mississippi	17.00
Missouri	193.50
Montana	37.50
Nebraska	74.50
New Hampshire	3.00
New Jersey	143.00
New Mexico	7.00
New York	783.60
North Carolina	8.00
North Dakota	58.10
Ohio	452.00
Oklahoma	90.00
Oregon	19.00
Pennsylvania	173.00
Philippines	2.00
Rhode Island	13.00
Saxony (Dresden)	2.00
South Carolina	2.00
South Dakota	12.00
Tennessee	49.00
Texas	59.00
Utah	19.00
Vermont	4.00
Virginia	14.00
Washington	93.10
West Virginia	42.00
Wisconsin	211.00
Wyoming	30.00
	$7726.37

ON MOTION, duly seconded and carried, the House of Delegates adjourned until 4:15 P. M. Wednesday.

SECOND SESSION—OCTOBER 23, 1917.

The House of Delegates met at 4:15 P. M., and was called to order by the President.

THE SECRETARY called the roll and announced a quorum present.

F. S. WOODS, a member of the Committee on Credentials, moved that the roll call on Thursday constitute the permanent and official roll of delegates to be published in The Journal of the National Dental Association.

Seconded and carried.

List of delegates found on page 1357.

THE MINUTES of the previous meeting were read and approved.

HOMER C. BROWN, Ohio, Chairman, presented a report of the Committee on Legislation, which was referred to the Reference Committee on Legislation.

The report is as follows:

REPORT OF LEGISLATIVE COMMITTEE.

In presenting the annual report of the Legislative Committee, we find ourselves confronted with a rather complicated situation, inasmuch as we had some important Navy Legislation pending in the Conference Committee of Congress at the time of our last report. Therefore, in view of this, together with the fact that any changes are better understood when presented in a comparative form, we feel fully justified in briefly reviewing conditions from the time Congress created the Army Dental Corps.

In 1901, Congress authorized a Dental Corps consisting of thirty Contract Dental Surgeons, but without military rank. In 1911, legislation was enacted placing the Dental Corps on the basis of one to one thousand of the enlisted strength of the Army. At that time, the status was changed from Contract Dental Surgeon to Acting Dental Surgeon and provision made for one commissioned grade, that of First Lieutenant, after three years' service as Acting Dental Surgeon and passing the required examination. Thus it will be observed that ten years elapsed before the first grade of actual rank was provided, and only then in a restricted form.

This was the situation with reference to the Army Dental Corps, except that it consisted of thirty-six lieutenants and thirty-nine Acting Dental Surgeons, when the chairman and secretary of your present committee appeared before the Senate and House Military Affairs Committees, February 2nd and 3rd, 1916, in support of our approved legislative program, which had for its purpose the placing of the Dental Profession and its representatives in the Federal Service in a position in harmony with both professional dignity and the importance of the services rendered. This program was first approved at the Rochester meeting in 1914, and a completed draft of our legislation was submitted and endorsed at the meeting in San Francisco.

Last year we made some decided progress, since

the National Defense Act of June 3, 1916, authorized two additional grades for the Army Dental Corps, those of captain and major. Provision was also made for a Dental Section, Officers' Reserve Corps, thus granting the profession's long contention for a Dental Reserve Corps, and placing us upon the same relative basis as all other staff corps. The importance of this Reserve Corps provision has been fully demonstrated during the past few months wherein a very large number of our Dentists have patriotically responded to the call for service, even tho the conditions were decidedly unfavorable.

It may be interesting in passing to state that our hardest fight in connection with the Dental Corps provisions of the National Defense Act was to secure actual rank, or possibly we had best say to retain actual rank, since the Corps already had the rank of first lieutenant. This actual rank question was the most important provision of what was then known as the Pomerene Amendment, and it was practically all that we secured out of that amendment, except that during its discussion it developed that many of the Senators expressed themselves as willing to grant the Dental Corps the same consideration as the Medical Corps. With this knowledge and the developing war conditions before us, we again took up the fight altho we fully appreciate the delicacy of attempting to promote anything like special legislation for fear our motive would be misconstrued as endeavoring to take advantage of the serious crisis confronting our country. Considering all of these angles, we sought and secured, on April 9th, 1917, the approval of the Surgeon General of the Army to the following:

"Hereafter the Dental Corps shall consist of commissioned officers of the same grades and proportionately distributed among such grades as are now or may hereafter be provided by law for the Medical Corps, who shall have the rank, pay, and allowances of the officers of corresponding grades in the Medical Corps, including the right to retirement as in the case of other officers, and there shall be one dental officer for every thousand of the total strength of the Regular Army, authorized from time to time by law:

"Provided, That all laws relating to the examination of officers of the Medical Corps for promotion shall be applicable to officers of the Dental Corps: Provided further, That dental examining and review boards shall consist of one officer of the Medical Corps and two officers of the Dental Corps; and Provided, further, That immediately following the approval of this Act all dental surgeons then in active service shall be recommissioned in the Dental Corps in the grades herein authorized in the order of their seniority and without loss of relative rank in the Army:

And Provided Further, that first lieutenants in the Medical Department shall be promoted to the grade of captain upon the completion of three years' service in that grade in the Medical Department, and upon passing the examinations prescribed by the President for promotion."

It was our general understanding and purpose to have this approved and agreed upon legislation introduced at the first favorable opportunity and, with that in view, copies were left with friends in both branches of Congress. That favorable opportunity seemed to develop very slowly, but there was nothing to do but to strengthen our lines as best we could and patiently mark time. It was not until the Congressional Record of June 25th conveyed the information that H. R. 4897, by Mr. Dent, Chairman of the House Military Affairs Committee, had been rushed thru the house as an emergency measure, that we saw what we thought was a favorable opportunity to introduce our legislation as an amendment. H. R. 4897 was as follows:

"That during the existing emergency lieutenants in the Medical Corps of the Regular Army and of the National Guard shall be eligible to promotion as captain upon such examination as may be prescribed by the Secretary of War."

If the Senate concurred in this bill of Mr. Dent's, which, judging from the endorsements and the action of the House we assumed it would, it was readily recognized that this would only tend to emphasize the already great difference in the status of the Medical and Dental Corps. The haste with which this was put thru the House prompted your chairman to take immediate action to protect our interests, but he did nothing until first attempting to confer with our president and a member of our committee, but unfortunately neither could be reached by phone that night. However, telegrams were promptly sent to Senator Pomerene and a co-worker in Washington requesting that they confer with certain of our friends in the Senate to the end that our interests be safeguarded. This was done and Senator Lodge introduced our agreed-upon legislation as an amendment to H. R. 4897.

Then some unfortunate complications developed, but for the time being they were seemingly fairly well adjusted. Your chairman promptly prepared a letter to be sent out in circular form to some two thousand of our members in various parts of the country. This was sent out by your general secretary, who also enclosed a strong circular letter. These letters presented the situation and requested prompt cooperation in behalf of the Lodge amendment. The response was all that could be expected but soon after this campaign began to show results some of the heretofore complications, together with a considerably increased pressure for the withdrawal of our amendment, again developed, until we were left confronted

with two distinct problems, either of which presented embarrassing angles. First, withdraw our amendment and thus satisfy some of our friends and well-wishers out of Congress and hope for their co-operative support n securing justice in the future, in either combined or individual legislation. Second, stick to our original plans, since matters not necessary to mention here fully satisfied your chairman that he was not responsible for the embarrassing complications, of such they were. Of the two courses open we chose the latter, even tho the probabilities of more personal criticism would result from this decision, especially in the event of failure. By taking the other course we would have necessarily admitted to our friends in Congress that our position was not well grounded, thus greatly embarrassing any future efforts; while our decision to "stand pat" did not give those anxious for our withdrawal an opportunity to question the sincerity of our statements relative to our strength in Congress. From many and various sources we were constantly reminded of the certain failure that awaited us, and we are willing to admit that success never seemed so uncertain as during the last two weeks of Congress, except the two last days.

The fact that our legislation was enacted in the closing hours of Congress, when everything is generally in a chaotic condition, is very largely due to the active interest that Senator Pomerene has taken in order to give our profession just recognition and the very creditable and diplomatic way in which our cause was presented in the Senate. Further, too much credit cannot be given Congressman Dent of Alabama for the vigorous manner in which he championed his Bill, H. R. 4897, to which our amendment had been added in the Senate less than twenty-four hours before. In this connection, we feel fully justified in incorporating a brief portion of the discussion as printed in the Congressional records of October 5th and 6th. Senator Pomerene in presenting our modified amendment, said in part:

"Mr. President, I think I would not be quite fair to the Senate if I did not state that if the Bill is brought up (which he had previously stated he was anxious to have done) I shall expect to offer an amendment thereto. The amendment which was introduced by the Senior Senator from Massachusetts (Mr. Lodge) on the 28th of June, 1917, slightly modified, * * * * * * * The bill as reported from the committee provides for certain relief for medical officers. I have no objection to that relief being granted. I think it ought to be granted. I think it is due to the medical profession.

The amendment offered by the Senior Senator from Massachusetts, which I shall present as an amendment to the bill affects the dental officers of the Army. It has seemed to me since I have been in the Senate that there has been a disposition, in some quarters at least, to discriminate against the dental profession, but if there ever was a time in the history of this country when the dental profession should be cared for it is now, because of the method of trench warfare which is in vogue in Europe today. Many of the injuries sustained by the soldiers are to the face and the mouth, and the work which is done by the dental profession has commended itself to the admiration of the world.

I do not like to look upon dental surgeons as if they were a separate and distinct profession. It seems to me they are specialists in one branch of surgery, and if we are going to do what is just to the medical profession—and I am glad the committee is seeking to do that— I shall ask at the same time that there be a modicum of justice extended to the dental profession. For that reason I shall offer this amendment if the Senate takes up the bill for consideration."

This followed a strong plea by one of the Senators to pass H. R. 4897 without amendment, and no dentist can fail to recognize and appreciate the force of his arguments. While this is most pleasing, we will also briefly quote from the Congressional record in the House, in order that you may better recognize some of the difficulties encountered there as well as the better to understand the narrow border line between success and failure, but which ended successfully less than one hour before Congress adjourned. Considerable discussion had taken place before the interesting portion which I quote, as follows:

Mr. Stafford: "Has this subject been considered at all by the Committee on Military Affairs?"

Mr. Dent: "It has; and my information is that the Surgeon General's Office are not opposed to this legislation. They objected to it being on the House bill, for fear that bill would lose out in the closing hours of the session. That was the only objection that the Surgeon General had, but as an independent measure I understand from his office that they have no objection to it."

Mr. Stafford: "Has the matter ever been formally brought to the attention of the House Military Affairs Committee?"

Mr. Dent: "It has, time and again, but no formal action has been taken."

Mr. Foster: "It has been only a few years since the Dental Corps had any sort of standing whatever in the Army, and it has become more and more important."

Mr. Dent: "Under the present law a dental surgeon must serve 24 years before he can become a major."

Mr. Stafford: "This is certain a very questionable practice, in the closing hours of a Congress, to create a Dental Corps for all time, without the subject having been considered by a committee of the House, and never having even re-

ceived the formal indorsement of the Surgeon General of the Army. The only assurance we have from the chairman of the committee is that he thinks the Surgeon General is not opposed to it."

Mr. Dent: "I know he is not."

Mr. Foster: "There is no question about that."

The Speaker: "Is there objection?"

Mr. Stafford: "I object for the time being."

The Speaker: "The gentleman from Wisconsin objects."

Mr. Dent: "Then I move to take the bill from the Speaker's table and agree to the Senate amendment."

Mr. Stafford: "The gentleman can not do that, because it places a charge upon the Treasury.

The Speaker: "That is true."

Mr. Dent: "Then I move to suspend the rules and pass the bill."

Mr. Stafford: "I make the point of order that the gentleman can not do that."

The Speaker: "The gentleman can not do that, because the Senate has not yet passed the adjournment resolution."

Mr. Keating: "Mr. Speaker, the Senate has passed the adjournment resolution."

The Speaker: "When?"

Mr. Keating: "About 10 minutes ago."

The Speaker: "The Chair has no official knowledge of that fact. No message has been received. We are not running on grapevine information here." (Laughter.)

The Sargeant at Arms: "Mr. Speaker, a message from the Senate."

Message from the Senate.

A message from the Senate, by Mr. Tully, one of its clerks, announced that the Senate had agreed to House concurrent resolution 25, providing for the adjournment of Congress at 3 P. M. today.

Medical and Dental Surgeons.

Mr. Dent: "Now, Mr. Speaker, I move to suspend the results, take from the Speaker's table House bill 4897, and concur in the Senate amendment.

The Speaker: "Is a second demanded?"

Mr. Stafford: "Mr. Speaker, I demand a second."

Mr. Dent: "I ask unanimous consent that a second be considered as ordered."

The Speaker: "The gentleman from Alabama asks unanimous consent that a second be considered as ordered. Is there objection?"

There was no objection.

The Speaker: "The gentleman from Alabama (Mr. Dent) has 20 minutes and the gentleman from Wisconsin (Mr. Stafford) 20 minutes."

Then followed considerable discussion, but the following legislation was passed and was promptly approved by the President.

(H. R. 4897) "An Act to provide for the promotion of first lieutenants in the Regular Army and National Guard to the grade of captain, and respecting the Dental Corps of the Army and medical and dental students, and for other purposes.

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That during the existing emergency first lieutenants in the Medical Corps of the Regular Army and of the National Guard shall be eligible to promotion as captain upon such examination as may be prescribed by the Secretary of War.

"Hereafter the Dental Corps of the Army shall consist of commissioned officers of the same grade and proportionally distributed among such grades as are now or may be hereafter provided by law for the Medical Corps, who shall have the rank, pay, promotion and allowances of officers of corresponding grades in the Medical Corps, including the right to retirement as in the case of other officers, and there shall be one dental officer for every thousand of the total strength of the Regular Army authorized from time to time by law: Provided further, That dental examining and review boards shall consist of one officer of the Medical Corps, and two officers of the Dental Corps: Provided further, that immediately following the approval of this Act all dental surgeons then in active service shall be recommissioned in the Dental Corps in the grades herein authorized in the order of their seniority and without loss of pay or allowances or of relative rank in the Army: And Provided further, That no dental surgeon shall be recommissioned who has not been confirmed by the Senate.

"All regulations concerning the enlistment of medical students in the Enlisted Reserve Corps and their continuance in their college course while subject to call to active service, shall apply similarly to dental students.

"Approved, October 6, 1917."

As a matter of comparison with the thirty-six Lieutenants and the thirty-nine Acting Dental Surgeons when your Committee took up this work, we quote the following from the Army and Navy Register of recent date:

"No action will be taken on the new legislation, enacted on Saturday in relation to the Army dental corps, the text of which law is published in full elsewhere in this issue, until the judge advocate general's opinion as to the construction of the statue is approved by the Secretary of War. Such interpretation has been asked by the surgeon general. If it be considered that the enlisted strength, which will be the basis of numbers and the proportion in grades is 300,000, there will be, of course, 300 officers of the corps, and as nearly as may be determined now this will serve to create nine colonels, sixteen lieutenant colonels, 71

majors, and 203 captains and first lieutenants. Promotions will be made by seniority."

Further, heretofore Dental Surgeons were appointed on a basis of one to one thousand of the enlisted men of the line of the Army, while under the provision of our new legislation, the total strength, instead of the enlisted, is the basis for determining the number of officers in the Dental Corps of the Army. Thus it will be readily appreciated that provision has been made for a considerable increase of our representatives in this service.

No disappointment should be occasioned because the Dental Reserve Corps is not specifically referred to; however, this legislation automatically provided the same grades for our reserve corps members as are provided for the Medical Reserve Corps, as evidenced by the report of Senator Chamberlain, Chairman of the Senate Military Affairs Committee, Sixty-fifth Congress, First Session, Report No. 131, to accompany H. R. 4897. Senator Chamberlain said in part:

"Under authority now existing in law the President may appoint persons to the medical section of the Officers' Reserve Corps in grades to and including major upon passing the necessary examinations. The president also has authority to appoint persons in the National Army in grade to and including colonel. The limitation in the national defense act prevents those officers of the Regular Army and National Guard who were commissioned since June 3, 1916, being promoted until after the lapse of five years, while those who were commissioned previous to that date under the law as it existed up to that time are deprived of promotion until they have had three years' service. Thus a person in civil practice may be appointed to a higher grade by the President than those first lieutenants of the Regular Army and National Guard who are compelled to render a fixed period of service in the lower grade."

Since our last report Congress has enacted the following legislation relating to the Navy Dental Corps:

"The President of the United States is hereby authorized to appoint and commission, by and with the advice and consent of the Senate, dental surgeons in the Navy at the rate of one for each thousand of the authorized enlisted strength of the Navy Dental Corps, and shall be a part of the Medical Department of the Navy. Original appointments to the Naval Dental Corps shall be probationary for a period of two years and may be revoked at any time during the probationary period by the President: Provided, That the rand of such officers of the same date of appointment among themselves at the end of said probationary period shall be determined by the recommendations of an examining board appointed by the Secretary of the Navy, which board shall conduct a comparative examination, based upon both service record and professional attainments, in accordance with such regulations as may be prescribed by the Secretary of the Navy, and the rank of such officers so determined shall be as of date of original appointment with reference to other appointments to the naval service. Provided further, That all appointees to the grade of dental surgeon shall be citizens of the United States between twenty-four and thirty years of age, and shall be graduates of standard medical or dental colleges, and trained in the several branches of dentistry, and who shall, before appointments, have successfully passed moral, physical, and professional examinations before medical and professional examining boards appointed by the Secretary of the Navy, and have been recommended for appointment by such boards.

"Dental surgeons shall have the rank, pay and allowances of lieutenants (junior grade) until they shall have completed five years' service. Dental surgeons of more than five but less than twenty years' service shall, subject to such examinations as the Secretary of the Navy may prescribe, have the rank, pay, and allowances of lieutenant. Dental surgeons of more than twenty years' service shall subject to such examinations as the Secretary of the Navy may prescribe, have the rank pay, and allowances of lieutenant commander; Provided, That the total number of dental surgeons with the rank, pay, and allowances of lieutenant commander shall not at any time exceed ten.

"All officers now in the Dental Corps (including the officers appointed for temporary service) appointed under the provisions of the Act of August twenty-second nineteen hundred and twelve, entitled 'An Act making appropriations for the Naval Service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes,' and all officers now in active service appointed under the provisions of the Act of March fourth, nineteen hundred and thirteen who were eligible for appointment to the Dental Corps under the provisions of said Act, shall be appointed dental surgeons in the Dental Corps without further examination and without regard to the age qualifications herein prescribed: Provided, That the officers so appointed shall not be subject to the provisions herein prescribed for probationary service for a period of two years: Provided further, That such officers shall, after appointment as herein prescribed, rank from date of commission and take seniority among themselves in the order of their original appointment by the Secretary of the Navy as shown on the Navy list on the date of approval of this Act: And provided further, That no dental surgeon appointed in accord-

ance with the provisions of this Act who on original appointment to the Dental Corps was over forty years of age shall be eligible for retirement before he has reached the age of seventy years except for physicial disability incurred in the line of duty.

"Dental surgeons who shall have lost numbers on the Navy list by sentence of court-martial or by failure upon examination for promotion shall be considered to have lost service accordingly for purposes of advancement in rank with increased pay and allowances.

"A Naval Dental Reserve Corps is hereby authorized to be organized and operated under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, providing for the organization and operation of a Navy Medical Reserve Corps and differing therefrom in no respect other than that the qualification requirements of the appointees shall be dental surgeons and graduates of reputable schools of medicine or dentistry instead of 'reputable schools of medicine,' and so many of said appointees may be ordered to temporary active service as the Secretary of the Navy may deem necessary to the health and efficiency of the personnel of the Navy and Marine Corps, provided the whole number of both Naval Dental Corps and Naval Dental Reserve Corps officers in active service shall not exceed in time of peace one to one thousand of the officers and enlisted men of the Navy and Marine Corps: Provided, That all officers now in the Navy Dental Reserve Corps shall be recommissioned in the Navy Dental Reserve Corps, provided in this Act, in the order of their original appointment in said Corps, and hereafter when ordered to active duty officers of the Medical Corps and officers of the Dental Reserve Corps shall receive promotion in rank in the respective Reserve Corps under the same relative conditions and provisions of active service as is provided in this Act for the Naval Dental Corps."

"Approved, August 29th, 1916."

"Hereafter all laws relating to the examination of officers of the Navy for promotion shall be construed to apply to the regular advancement of staff officers to higher ranks on the active list, the same as tho such advancements in rank were promotions to higher grades: Provided, That nothing in this paragraph shall be construed as in any way affecting the original appointment of officers to the Dental Corps as provided in the Act approved August twenty-ninth, nineteen hundred and sixteen, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes, and the time served by dental surgeons as acting or acting assistant dental surgeons shall be reckoned in computing the increased service pay and service for promotion of such as are commissioned under said Act."

"Approved March 4th, 1917."

I think it will be generally recognized that our legislative effort will not be wholly complete until Congress places the Navy Dental Corps on the same basis as the Navy Medical Corps, similar to the equalized status of the two Corps in the Army. In this connection your chairman feels justified in stating that in his opinion this will not be nearly so difficult a task as the Army Corps legislation. Fortunately Surgeon General Braisted has always evidenced a friendly interest in the Dental profession, and fully appreciates the importance of the services rendered by our representatives in his Department.

In this report your committee feels fully justified in making special reference to some members of Congress who have loyally and consistently supported us, namely: Senators Pomerene, of Ohio; Lodge, of Massachusetts; Fletcher, of Florida; Swanson, of Virginia; Overman, of North Carolina, and Wadsworth of New York. Also Congressmen Dent, of Alabama; Kahn, of California; Towner, of Iowa; Brumbaugh, of Ohio; Dyer, of Missouri; Carlin, of Virginia; Foster, of Illinois, and Keating, of Colorado. We also desire to express our cordial appreciation of the courtesies extended and the interest evidenced in the importance of the Dental services rendered in their Departments by the Honorable Secretaries of War and Navy and the Surgeons General of both these departments. Of course, many others rendered valuable assistance and stood ready at all times to aid us, but because of the length of this report we have found it necessary to only mention a few of those who took an active part in making possible the securing of this important legislation. However, your committee further desires to publicly express its deep appreciation to all those who cooperated with us in various ways, but we feel that this report would be incomplete without first expressing its appreciation for the valuable services rendered by Dr. Emory A. Bryant, Washington, D. C.

Now that we have secured the legislation herein reported, it should very positively serve a broad constructive purpose by greatly stimulating our profession to increased efforts, to the end that we not only merit, but doubly merit, the confidence expressed in us by the highest legislative body of the world, and approved by one of America's most noted educators, our beloved and humanitarian President, Woodrow Wilson.

Respectfully submitted,

HERBERT L. WHEELER,
A. O. ROSS,
J. A. WEST,
C. B. GIFFORD, Secretary,
HOMER C. BROWN, Chairman.

The report of the Committee on Dental Education was called for. This Committee asked for further time, which was granted.

WESTON A PRICE, Ohio, Chairman, read the report of the Committee on Scientific Research.

The report is as follows:

REPORT TO THE HOUSE OF DELEGATES OF THE NATIONAL DENTAL ASSOCIATION FROM THE PRESIDENT OF THE RESEARCH INSTITUTE AND CHAIRMAN OF THE RESEARCH COMMISSION.

October 23, 1917.

The activities of this department for the past year have included the following:

General Administrative, including the financing of the various researches.

Researches under grants.

Researches in the Institute Headquarters.

General Organization and Special Duties.

I. RESEARCHES

Under Grants have been conducted as follows:

"The Relation of Mouth Infections to Systemic Infections," under the direction of Thomas B. Hartzell, in the University of Minnesota, Minnesota.

"The Peridental Membrane," under the direction of Dr. Frederick B. Noyes, in the University of Chicago, Chicago, Ill.

"Studies on the Saliva and on Dental Caries," under the direction of Dr. Russell W. Bunting, in the University of Michigan, Ann Arbor, Michigan.

"Dental Cements," under the direction of Dr. Marcus L. Ward, in the University of Michigan, Ann Arbor, Michigan.

"Salivary Deposits," under the direction of Dr. Percy R. Howe, in the Forsyth Dental Infirmary, Boston, Mass.

"The Relation of the Glands of Internal Secretions to Dental Problems, under the direction of Dr. Wm. J. Gies, in the Columbia University, New York City.

"Root Canal Fillings," under the direction of Dr. John R. Callahan, in the Cincinnati General Hospital, Cincinnati, O.

"Mottled Enamel and Brown Stain Deformities," under the direction of Dr. Frederick S. McKay, Colorado Springs, Colo.

"Quantitative Determinations of Certain Organic Substances in Saliva and Their Relation to Oral Conditions," under the direction of Dr. John A. Marshall, in the University of California, Berkeley, California.

In Institute Headquarters.

"Dental Focal Infections, Their Cause, Effect, Elimination and Prevention." Research Institute of the National Dental Association, Cleveland, Ohio.

By the Staff in the Institute Building, Cleveland, Ohio.

(a) Special Oral Infection Studies.

(b) The Principles Underlying Ionic or Galvanic Medication.

(c) The Relative and Actual Efficiency of Various Medicaments for Sterilizing Dentin and Cementum.

Detailed reports made at this meeting.

II. GENERAL CORRESPONDENCE.

This has required from two to four hours a day. It includes:

(a) Department Correspondence.

(b) Answering inquiries on scientific topics pertaining to dentistry.

(c) The collection of pledges.

III. THE ORGANIZATION OF VARIOUS STATE SOCIETIES to provide a permanent support for the Research Department. The result has been that approximately three-fourths of the membership of the National is now on that basis. We have made twenty-six lecture trips during the past year, assisting in the programs of dental and medical associations. (Since the beginning of the organization of this Research Department five years ago we have made 119 trips, at which 109 illustrated lectures have been given and over 100 conferences held. A total absence from the city of 350 working days.)

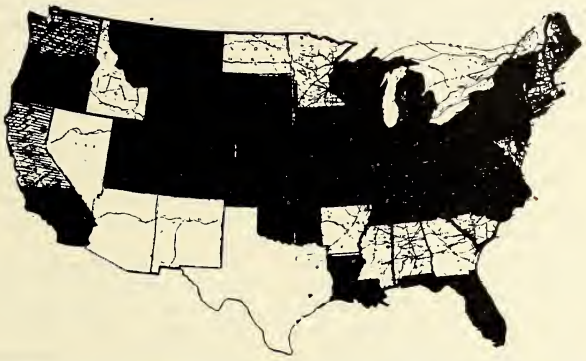
At this time nearly all of the large state societies have provided in their constitutions for the support of the Research Department. This support includes the following states:

Southern California	440
Colorado	295
Illinois	1844
Indiana	973
Iowa	900
Kansas	440
Kentucky	354
Louisiana	123
Michigan	765
New Jersey	569
Missouri	804
Montana	114
Nebraska	411
New York	1565
North Carolina	291
Ohio	1327
Oklahoma	294
Oregon	184
Pennsylvania	1443
South Dakota	175
Tennessee	265
Utah	116
Vermont	85
West Virginia	182
Wisconsin	695
Wyoming	49
Virginia	193
Total	$14,896

These figures are taken from the report of the Secretary of the National Dental Association to the House of Delegates.

Washington and California states voted fifty cents per member for each The Journal and the Research Department (Cal. June 1916) before the National Association increased the dues one dollar for The Journal. We have not as yet received these amounts.

California (50 cents per member).....679
Washington (50 cents per member).....451



Map showing states that have adopted the one dollar increase in dues for the support of the Research Department.

IV. COUNCIL OF NATIONAL DEFENSE.

This consists in assisting in the work of the Committee on Dentistry, General Medical Board, Council of National Defense, and directing the work of the Sub-Committee on Research. We can report the following progress in this activity: Dr. Arthur T. Henrici has been assigned by the Surgeon General to the work of this sub-committee of the Committee on Dentistry for the particular study of Trench Mouth. He has been doing preparatory work in the libraries and will go to France to vigorously carry on this activity. It is the purpose of the Research Department to render as great assistance, financially and otherwise, as possible for the study of war problems. The Chairman has made a trip to Halifax, Quebec, Valcatier and Toronto to study the conditions, opportunities and problems from the standpoint of the returned soldiers. He has also made six trips to Washington. There has been no expense to the Research Department or to government for these activities.

V. ORGANIZING FOR THE ENDOWMENT OF THE INSTITUTE.

The plan of organization of this Research Department has continually included an adequate endowment and the various details have been developed to that end. This plan will, when consummated, establish the work on an adequate and permanent basis. In addition to this the organization of the department provides that each dentist by paying one dollar per year is paying the interest on $20.00 of endowment principal. The present income from the profession on this basis is equivalent to an endowment of approximately $300,000. As soon as the development of the work was considered sufficiently well organized, a formal application was made in October of last year to the Carnegie Corporation of New York for financial assistance. That corporation, accordingly, made an official investigation and examination of the work and equipment of the Institute and requested to know if it would be possible for us to have a working relationship with the Medical Department of Western Reserve University for the helpfulness it would be to the scientific workers in the Institute. This working relation, they stated, would not require any organic connection. A meeting of the Trustees of the Institute, the Trustees of the National Dental Association and the members of the Research Commission was called last March to meet in the Institute for the purpose of deciding the relationship not only with that university but with others, and, accordingly, a committee was appointed from the Institute to confer with university officials. The University Trustees appointed a committee but before it was able to take up the matter some of its members were sent abroad on a special war commission. We have recently been advised by the President of the University that the matter will be taken up when the members of the committee return from Europe. We believe a large endowment can ultimately be secured.

VI METALLURGY.

This consists in the supplying of specially prepared tungsten and molybdenum to the dental profession at cost. To date we have supplied these metals to the amount of $3,832.84.

VII. Clerical, SECRETARIAL AND BOOKKEEPING DEPARTMENT.

This has required the services of one Secretary all of the time and an assistant part of the time. The Institute has approximately three thousand accounts and there is a great deal of detail in the handling of these.

VIII. THE PUBLISHING OF THE RESEARCH REPORTS MONTHLY IN THE JOURNAL OF THE NATIONAL DENTAL ASSOCIATION.

This has required that each research report be sent to a member of the Advisory Board to be censored before publishing. We are indebted to the members of that Board for their painstaking and valuable assistance in this work.

IX. SCIENTIFIC DIRECTOR.

In addition to the personal responsibility for the above activities, the Acting Managing Director has had the detailed responsibility of directing the scientific investigations in the headquarters. This position was accepted under pressure and after protest, and only as a temporary expedient, because the finances would not then permit of engaging a skilled scientific director to devote all of his time to that work. The writer has given approximately one-half of his time and much more than half of his strength to this work during the past year. It is a physical impossibility for the person serving as scientific director to carry other large responsibilities such as organizing the National work, frequently giving lectures to dental and medical associations and besides carry on a private practice for a livelihood. The finances of the department have now been developed so that a skillful Scientific or Research Director can be maintained. The Acting Managing Director cannot longer continue to carry this threefold responsibility. Accordingly, the Executive Committee of the Board of Trustees of the Institute has recommended to that body, and that body has accepted their recommendation, that we, as soon as practicable, engage a skilled Scientific or Research Director who will devote all of his time to the scientific work. A special committee is negotiating at this time. This work requires a man of very unusual ability and it becomes imperative that the fundamental policies governing the work be decided upon now, in order that a man qualified for carrying out those policies may be selected. Some of the fundamental questions are—shall the Research Director necessarily be trained in the art and science of dentistry, medicine, physical chemistry, or of the science of research, and what authority and limitation shall be placed upon him by the dental profession? We have submitted these questions to about a dozen scientists who are leaders in scientific research, as well as to about twice that number of the leaders in our own profession, and the wide divergence of opinion demonstrates clearly that there is no common thought on this question. We believe this is largely due to the fact that this is a new problem and must be given very thoro study by the leaders of our profession. The writer considers that two things are absolutely requisite for the development and success of the Research Department. The first is a complete endorsement by the National Dental Association, which endorsement is rapidly being provided by the support in the form of the adoption of the one dollar per member dues for research. The second is a sufficiently active participation in the affairs of the Research Department by the Officers and Trustees of the National Dental Association to make them competent to intelligently direct that work. These problems of policy have been established today in the joint meeting of the Research Commission, the Trustees of the National Dental Association and the Trustees of the Research Institute, by the adoption of the following report of the special committee appointed for that purpose:

"The committee appointed by your President to outline the policy of the Research Institute of the National Dental Association for the coming year beg leave to submit the following report:

1. The committee recommends that the grants and existing contracts be continued for the fiscal year.

2. We further recommend that a trained pathologist and assistants be secured and placed in charge of the scientific work carried on in the Research Institute at Cleveland, who shall have the title of Research Director, Research Institute, National Dental Association. It is the belief of the committee said Director should and can be secured within the next ninety days.

3. That the problems studied at the Research Institute shall be confined to pathological subjects, the exact nature of which shall be determined by the Research Director in conference with the Trustees of the Institute and the Trustees of the National Dental Association.

4. All work produced under the auspices of the Research Department shall be subject to review by The Journal Committee.

(Signed) THOMAS P. HINMAN.
CLARENCE J. GRIEVES.
THOMAS B. HARTZELL.
Committee."

The finances are now so well perfected that the department can be considered permanently established, for it can be maintained on the income that is now provided by the membership that has adopted the one dollar dues. This will be assisted by the income from pledges. The dental profession at large is enthusiastic in its support of the Research Department.

X. RESEARCH INSTITUTE BUILDINGS.

During the past year there has been an opportunity to test the adaptability of the buildings to the needs of the Research Department. We are glad to report that they prove to be very satisfactory. The rooms are large, airy and light, and

conveniently related. The three story barn is ideally adapted for the care of the animals. Tables, benches and a special sink have been installed. Two clinical operating rooms have been completely furnished by the dental manufacturers and we wish to take this opportunity of expressing the thanks of the officers. The list of contributors is too large to permit of publishing here.

The value of the equipment, as shown by the auditor's report of June 20, 1917, is $10,430. Notwithstanding the interruption in the securing of contributions to the Building Fund, made necessary by the transportation of the National to the one dollar additional dues for The Journal, the mortgages have been reduced during the past year $5,000, ($4,500 at the time of the auditor's report June 20, 1917) and the pledges to the fund have been increased $2,667.36. This leaves a balance on the second mortgage of $5,000 and on the first mortgage of $27,000 unpaid, against which we have pledges for approximately $7,000. Figuring the building at $50,000, the original cost of the property without the normal increase in valuation of about 10% per year which has occurred, and adding the value of our equipment purchased and contributed, $10,430.00, the building and equipment show a net worth, after deducting the mortgages, of $28,430. This does not include our equity in subscriptions.

XI. SUBSCRIPTION FUNDS.

The total subscriptions to the Research Fund, since the organization of the work in 1912, have been $73,002.29, and the total for the Building and Equipment Fund is $30,747.75. The last auditor's report of June 20 shows the total Research Fund receivable to be $32,580, of which $12,698 is past due. There will be some reduction in this fund by the transition to the one dollar basis. The total subscriptions to both funds to date are $103,750.04. The auditor has found our net worth of June 20 to be $69,317.95. This does not include our equity in our new form of endowment, in which each dentist is paying the interest of one dollar per year on $20 of principal.

XII. AMENDMENTS.

There is before this body an amendment to the constitution of the National Dental Association which provides an increase in dues of one dollar for the support of the Research Department. It has been deemed wise by the Trustees of the National Dental Association, in conference with the Trustees of the Research Institute and the members of the Research Commission, that this amendment should not be passed this year, because some of the societies are not as yet sufficiently organized but that it would interfere with their securing membership. They have also deemed it wise that each state society should adopt this amendment and should send the money directly to the Treasurer of the Research Institute, instead of thru the Treasurer and Secretary of the National Dental Association. This probably is expedient. However, it is exceedingly important that the work of the Research Department have the fullest possible endorsement of the National Dental Association, as well as the closest possible relationship as an integral part of it. We ask that you postpone, either indefinitely or to a fixed date, the vote on this amendment. The constitution of the National Dental Association should be amended to provide that the President-elect of the National Dental Association is, with the President and Secretary, an Ex-Officio member of the Research Commission.

We attach, herewith, the copy of the auditor's report, which shows, in splendid form, and detail, the financial condition of the department. (This report appears in this issue in the reports to the House of Delegates.)

(Note. On October 25, 1917, the House of Delegates unanimously passed the following resolution, which was recommended by the Board of Trustees:

"That state and constituent societies add one dollar to their dues for the support of the Research Institute, and the funds so collected shall be remitted directly to the Research Institute and that the Treasurer of the Research Institute report to the House of Delegates those states and constituent societies complying with this request.")

This will be a part of the Constitution and By-Laws.

Respectfully submitted,

WESTON A. PRICE.

REPORT OF AUDIT—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION, JUNE 20, 1917.

Cleveland, June 28, 1917.

Dr. Weston A. Price, President and Managing Director the Research Institute of the National Dental Association, Cleveland, Ohio.

Dear Sir:

We have made an audit of the books of account and record of The Research Institute of the National Dental Association for the year ended June 20, 1917, and submit herewith our report in the following exhibits and schedules:

Exhibit A—Balance Sheet—June 20, 1917.

Exhibit B—Income and Expense—Year ended June 20, 1917.

Schedule No. 1—Equipment.

2—Dues Receivable—State Societies.

3—Subscriptions Receivable.

4—Cash.

5—Salaries and Expenses—Research Work.

6—Dues from State Societies available during fiscal year ending June 20, 1918.

Comments on the Details of the Examination.

Certificate.

We Hereby Certify that the attached Balance Sheet—Exhibit A and Income and Expense Account—Exhibit B, together with the supporting schedules enumerated above correctly exhibit the financial history of The Research Institute of the National Dental Association for the fiscal year under review and its financial status as at June 20, 1917, subject

to the "Comments on the Details of the Examination" attached hereto and made a part of this report.

Respectfully submitted,
NAU, RUSK & SWEARINGEN,
Certified Public Accountants.

COMMENTS UPON THE DETAILS OF THE EXAMINATION BALANCE SHEET—EXHIBIT A.

Assets.

Land and Buildings—$50,000.00.

This represents the cost of the property occupied by the Institute at 8803 Euclid Avenue, Cleveland, Ohio.

Equipment—$10,430.35.

The detail of items making up this total appears on Schedule No. 1.

To the value of equipment owned by you at the close of the last fiscal year, as determined by a careful inventory taken and priced by yourselves, has been added the cost price of equipment purchased during the year, and the conservative value of the equipment donated during the year.

Each of the items appearing on Schedule No. 1 is supported in detail by data contained in an Equipment Register in your office.

No provision has been made during the current year for depreciation.

Patents.

This item represents the cost to date of patents secured and applied for by The Research Institute.

Dues Receivable—State Societies—$1,761.00.

This item shows the balances due from various state dental societies for dues assessed members prior to June 20, 1917, to provide for the work of The Research Institute.

The total charged against each society has been based on reports of the approximate membership made by the secretaries of the various societies and is subject to adjustment when final reports are submitted.

Schedule No. 2 shows the amount due from each society that has not paid the full amount of dues assessed prior to June 20, 1917.

Subscriptions Receivable—Research Fund—$32,580.00.

Subscriptions Receivable—Building Fund—$5,519.94.

These items represent balances due on pledges made for the support of the research work and for the purchase of buildings and equipment necessary to carry on this work.

Schedule No. 3 shows that the total unpaid subscriptions to research work, amounting to $32,580.00, $12,698.00 was due prior to June 20, 1917, and $19,882.00 will become due in subsequent periods as shown hereon.

This schedule also shows that $1,596.03 subscribed to the building fund was due prior to June 20, 1917, and $3,923.91 is to become due in the future.

We did not verify any of these subscriptions by correspondence with the subscribers, but did prove the totals shown in your ledger accounts by making a summation of the amounts in the subscription registers.

We also show on this schedule data as to the total amount subscribed to date to each of these funds, as follows:

Total subscriptions—Research Fund....	$ 73,002.29
Total subscriptions—Building Fund....	30,747.75
	$103,750.04

Besides this total, various state societies have been assessed $2,334.00 during the past year, on a basis of $1.00 per member, in line with action taken at the state meetings.

No provision has been made for losses in collection of these subscriptions.

Cash—$1,241.66.

We traced all recorded cash receipts for the period to deposit in the banks, and verified all disbursements by examination of cancelled checks and properly approved vouchers supporting such disbursements.

We verified the amount of cash on deposit by securing a certificate from each bank of the balance on deposit on June 20, 1917, reconciling the amounts stated by them with the amounts shown hereon by taking into consideration the checks outstanding.

We verified the amount of the office fund by actual count.

Liabilities.

Mortgages Payable—$32,500.00.

This item represents the amount due on mortgages as follows:

Society for Savings, $27,000.00—5%.

Samuel T. Wellman, $5,500.00—6%.

We verified these amounts by securing certificates from the holders of the mortgages.

The interest on these mortgages has been paid to June 15, 1917.

Other Liabilities.

If there were any other liabilities of The Research Institute they were not a matter of record upon the books nor were we made aware of any upon inquiry in the office.

Net Worth—$69,317.95.

Subtracting from the total assets amounting to $101,817.95, the total known liabilities amounting to $32,500.00 leaves a sum of $69,317.95 as the Net Worth of The Research Institute as at June 20, 1917. This amount is accounted for as follows:

Net worth—June 20, 1916....		$ 77,429.98
Payments from prior appropriations	$ 40.00	
*Deficit for year—per Ex. B..	8,072.03	8,112.03
Net worth—June 20, 1917....		$69,317.95

*Difference between total disbursements during the year and new income secured during the year.

Dues from State Societies Available During Next Fiscal Year—$10,946.00.

To assist you in making your plans for the ensuing year's work we have enumerated on Schedule No. 6, the amount that will be available during the next year from State Societies that have adopted the plan of adding one dollar per year to the dues of each member, such additional amount to be available for research work.

The amounts shown on this schedule are based upon reports from officers of the State Societies, except as otherwise noted.

Income and Expense—Exhibit B.

In this exhibit, which is largely self-explanatory, we have shown under appropriate captions the various elements of income and expense for the period under review.

The statement shows that in the Research Fund there was a deficit of $9,223.13 for the period, while in the Building Fund there was a surplus of $1,071.10, and in the Endowment Fund one of $80.00, leaving a net deficit from operations for the year of $8,072.03.

In General.

We found the records in good condition, and the data required in our audit was readily available.

EXHIBIT A.

BALANCE SHEET—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION, JUNE 20, 1917.

Assets.

Fixed.			
Land and Buildings	$	$ 50,000.00	$
Equipment—Schedule No. 1		10,430.35	
Patents		285.00	60,715.35
Current			
Dues Receivable—State Societies—Sch. No. 2		1,761.00	
Subscriptions Receivable—Research Fund—Past Due—Sch. No. 3	12,698.00		
Subscriptions Receivable—Research Fund—Not Due—Sch. No. 3	19,882.00	32,580.00	
Subscriptions Receivable—Building Fund—Past Due—Sch. No. 3	1,596.03		
Subscriptions Receivable—Building Fund—Not Due—Sch. No. 3	3,923.91	5,519.94	
Cash—In Bank—Cleveland Trust Co.—Research Fund—Sch. No. 4	1,014.29		
Cash—In Bank—Guardian Savings & Trust Co.—Building Fund—Sch. No. 4	47.37		
Cash—In Bank—Guardian Savings & Trust Co.—Endowment Fund	80.00		
Cash—Office Fund	100.00	1,241.66	41,102.60
Total Assets			$101,817.95
Liabilities.			
Mortgages Payable			32,500.00
Net Worth			69,317.95
Net Worth—June 20, 1916—per Books	77,429.98		
Less—Payments from prior appropriations Audit for year ended June 20, 1916	40.00	77,380.98	
*Deficit—Year ended June 20, 1917—Per Exhibit B		8,072.03	
Net Worth—June 20, 1917—as above		69,317.95	
The Research Institute also has available during the next fiscal year:			
Dues from State Societies—Sch. No. 6	10,946.00		

*Difference between total disbursements during the year and new income secured during the year.

EXHIBIT B.

INCOME AND EXPENSE—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION JUNE 20, 1917.

Research Fund.

Income			
Pledges and Subscriptions Secured		$ 5,169.10	$
Less—Cancellations and Adjustments of Subscriptions		1,793.40	3,375.70
Dues Assessed State Societies			2,334.00
Interest Earned on Bank Balances			53.62
Total			5,763.32
Expense			
Research			
Salaries and Expenses—Research Work—Sch. No. 5	8,675.23		
Laboratory Supplies	1,707.12		
Heat, Light and Water	431.25	10,813.60	
Administrative			
Clerical Salaries	2,199.75		
Telephone and Telegraph	203.82		
Postage	253.21		
Office Supplies and Printing	624.45		
General Labor	365.18		
Insurance	96.50		
Miscellaneous	429.94	4,172.85	14,986.45
*Deficit—Research Fund			9,223.13
Building and Equipment Fund			
Income			
Subscriptions and Pledges Secured	2,909.50		
Less—Cancellations and Adjustments of Subscriptions	242.14	2,667.36	
Donations of Equipment		1,020.90	
Interest Earned on Bank Balances		6.48	
Total		3,694.74	
Expense			
Remodeling	889.35		
Interest on Mortgages	1,734.29	2,623.64	
Net Income—Building and Equipment Fund			1,071.10
Endowment Fund			
Subscriptions to Endowment Fund			80.00
*Deficit—For Year ended June 20, 1917— Forwarded Exhibit A			8,072.03

*Difference between total disbursements during the year and new income secured during the year.

SCHEDULE NO. I.

EQUIPMENT—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION, JUNE 20, 1917.

Furniture and Fixtures	$ 1,449.50
Office Equipment	779.05
Library	1,467.43
Photographical	696.55
Clinical	2,153.60
Metallurgical	717.50
Bacteriological	319.46

Pathological	244.37
Physiological	294.13
Equipment Located Elsewhere	651.70
General	1,657.06
Total—Exhibit A	$10,430.35

SCHEDULE NO. 2.

*Dues Receivable—State Societies.

State	Amount
Iowa	$ 725.00
Montana	84.00
Nebraska	399.00
Oregon	162.00
Tennessee	300.00
West Virginia	79.00
Wyoming	12.00
Total—Exhibit A	$ 1,761.00

*At this date due and unpaid.

SCHEDULE NO. 3.

SUBSCRIPTIONS AND PLEDGES RECEIVABLE—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION JUNE 20, 1917.

Research Fund.

Past Due		
Payable during year ended June 20, 1913	$ 167.00	$
Do, June 20, 1914	955.00	
Do, June 20, 1915	1,878.50	
Do, June 20, 1916	3,228.00	
Do, June 20, 1917	6,469.50	
Total—Past Due—Exhibit A		12,698.00
Not Due		
Payable during year ended June 20, 1918	9,264.50	
Do, June 20, 1919	6,754.50	
Do, June 20, 1920	3,239.00	
Do, June 20, 1921	524.00	
Do, June 20, 1922	25.00	
Do, June 20, 1923	25.00	
Do, June 20, 1924	25.00	
Do, June 20, 1925	25.00	
Total—Not Due—Exhibit A		19,882.00
Total—Research Fund Subscriptions Receivable		32,580.00

Building Fund.

Past Due		
Payable during year ended June 20, 1916	420.66	
Do, June 20, 1917	1,175.37	
Total—Exhibit A		1,596.03
Not Due		
Payable during year ending June 20, 1918	2,632.91	
Do, June 20, 1919	652.50	
Do, June 20, 1920	412.50	
Do, June 20, 1921	226.00	
Total—Exhibit A		3,923.91
*Total—Building Fund Subscriptions Receivable		5,519.94

Total Subscriptions to Date.

	Research Fund		Building Fund.	
Subscriptions—June 20, 1916—per Audit Report..		$69,626.59		$28,080.39
Subscriptions—June 20, 1916—to June 20, 1917—				
Exhibit B	$5,169.10		2,909.50	
Less—Cancellations and Adjustments—				
Exhibit B	$1,793.40	3,375.70	242.14	2,667.36
Total Subscriptions to June 20, 1917.....		73,002.29		30,747.75

*In addition to this we have $2,000.00 subscribed by the Pennsylvania State Dental Society on June 25, 1917.

SCHEDULE NO. 4.

CASH IN BANKS—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION JUNE 20, 1917.

Research Fund—The Cleveland Trust Company.

Balance—June 20, 1916—Per Audit Report		$ 2,972.77
Receipts—On Regular Subscriptions and Contributions	12,709.70	
From State Societies	573.00	
Interest on Bank Balances	53.62	13,336.32
		16,309.09
Disbursements—Additions to Equipment	308.35	
Expenses—Per Exhibit B.	14,986.45	15,294.80
*Balance—June 20, 1917—Exhibit A		1,014.29

Building Fund—The Guardian Savings & Trust Company.

Balance—June 20, 1916—Per Audit Report		2,206.05
Receipts—On Regular Subscriptions and Contributions	7,537.55	
Interest on Bank Balances	6.48	7,544.03
		9,750.08
Disbursements—Additions to Equipment	2,579.07	
Payments on Mortgages	4,500.00	
Expense—Per Exhibit B	2,623.64	9,702.71
Balance—June 20, 1917—Exhibit A		47.37

Endowment Fund—The Guardian Savings & Trust Company—Book No. 84544.

Receipts and Balance—June 20, 1917—Exhibit A	80.00

*October 10, 1917, this balance was $3,622.75.

SCHEDULE NO. 5.

SALARIES AND EXPENSES—RESEARCH WORK—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION, YEAR ENDING JUNE 20, 1917.

Hartzell, Dr. Thomas B.	$ 2,218.53
Bunting, Dr. Russell W.	450.00
Noyes, Dr. Frederick B.	300.00
McKay, Dr. Frederick S.	300.00
Howe, Dr. Percy R.	500.00
Gies, Dr. William J.	500.00
Callahan, Dr. John R.	600.00
Marshall, Dr. John A.	300.00
Cohen, Dr. Milton	789.00
Cohen, Edna	93.00
Dwyer, William	78.20
Brooks, Dr. S. C.	683.00

Damlos, Dr. Milton	588.80
Zingler, Mary	294.00
Pond, Dr. Samuel	345.00
Wemple, Ralph	88.80
Moldenhauer, Matilda	546.90
Total—Exhibit B	8,675.23

SCHEDULE NO. 6.

DUES FROM STATE SOCIETIES—TO BE AVAILABLE DURING FISCAL YEAR ENDING JUNE 20, 1918.

Society—Due Date	Approximate Amount
California Southern—January, 1918	$ 340.00
Colorado—Do	300.00
Illinois—Do	1,600.00
Indiana—Do	1,000.00
Iowa—Do	725.00
Kansas—Do	385.00
Kentucky—June, 1918	247.00
Louisiana—January, 1918	108.00
Michigan—Do	706.00
Missouri—Do	800.00
Montana—Do	84.00
Nebraska—Do	300.00
New York—May, 1918	1,600.00
Ohio—November, 1917	1,296.00
Oklahoma—January, 1918	297.00
Oregon—Do	250.00
South Dakota—Do	168.00
Tennessee—Do	300.00
Utah—July, 1917	112.00
Vermont—January, 1918	103.00
West Virginia—April, 1918	190.00
Wyoming—July, 1917	35.00
*Total—Exhibit A	$10,946.00

*At the time of the National meeting, October 22, 1917, the amount provided by State Society dues was $14,896.00.

IT WAS MOVED and seconded that the report be received and placed on file. Carried.

A. C. RICH, New York, Chairman, presented the report of the Committee on Amendments.

Your Committee has decided that we do not concur in the amendment as presented in Article 9, Section 1, in regard to the annual dues. We have, however, recommended the adoption of a change in the Constitution and By-Laws, as presented yesterday with reference to the President-elect, and we so move.

Seconded and carried.

In regard to the amendment increasing the annual dues, Dr. Rich moved for the committee the rejection thereof.

Seconded and carried.

THE SECRETARY read a resolution adopted at joint meeting of the Board of Trustees and the Trustees of the Research Institute, providing for a change in the by-laws relative to the election of three members of the Research Commission, from one state, which was referred to the Reference Committee on Amendments.

ON MOTION, the House of Delegates adjourned until 4:30 P. M. Wednesday.

THIRD SESSION—OCTOBER 24, 1917.

The House of Delegates met at 4:45 P. M. and was called to order by the President.

THE SECRETARY called the roll and announced a quorum present.

THE SECRETARY presented the resolutions adopted at first general session of the Association and the message from President Woodrow Wilson, in answer to the resolution.

RESOLUTION TO PRESIDENT.

His Excellency, President Woodrow Wilson,
Executive Mansion,
Washington, D. C.

Whereas: Our nation is now engaged in bitter conflict with the German Empire to decide that momentous question, whether Democracy shall perish from the earth, and

Whereas: It is vitally necessary under the present existing condition, that not only individuals but also organizations, state clearly and publicly their position, therefore, be it

Resolved: That we, the National Dental Association of the United States of America, in convention assembled in the City of New York, do hereby extend to you our sincere sympathy and hearty endorsement by pledging our skill, our money, and if need be, our lives.

PRESIDENT'S REPLY.

The White House,
Washington, October 23, 1917.
(Personal.)

My Dear Sir:

The President asks me to make cordial acknowledgment of your telegram of this morning, and to tell you and everyone concerned that he deeply appreciates your patriotic assurances. With an expression of his hearty thanks, I am

Sincerely yours,

J. P. TUMULTY,
Secretary to the President.

Dr. Otto U. King, General Secretary,
National Dental Association,
Hotel Astor, New York City.

THE PRESIDENT read a telegram from the Hotel Sherman Company, inviting the Association to hold its 1918 meeting in Chicago.

The minutes of the previous meeting were read and approved.

H. E. FRIESELL, Pennsylvania, Chairman, presented the report of the Committee on Dental Education, as follows:

REPORT OF COMMITTEE ON DENTAL EDUCATION.

The Committee on Dental Education is pleased to report that the general situation in Dental Education is extremely gratifying. The adoption and observance of advanced standards is being carried out to a greater extent than at any pervious time. The four years course in dentistry is under full sway in all of the colleges except one. An isolated plea to defer the four year's course on account of the war was promptly disapproved with practical unanimity by the dental schools themselves.

When war was declared last spring our dental schools without a single exception promptly offered their equipments and facilities to the government for such use as might be made of same; and excellent services have been rendered by the personnel of the various faculties in building up the Dental Reserve Corps, and providing free dental services to thousands of recruits and drafted men.

The representatives of the dental schools, in cooperation with the officers of the National Dental Association, promoted and financed a campaign that eventually resulted in securing temporary exemption for dental students until graduation.

The beginning of the four years course, in conjunction with the conditions resulting from the entrance of America into the war has resulted in a considerable decrease in the enrollment of the present freshman class inasmuch as the exemption clause does not apply to first year students. For a while during the past summer things looked serious for dentistry but the exemption clause has relieved the situation, and the ultimate decrease in student attendance this year is probably not very much greater than might have been expected at the beginning of the four years course.

The publication by the National Dental Examiners of its Tabulation of State Board Examinations has had a salutary influence upon all dental schools.

The Dental Educational Council of America has decided upon the standards to be required of dental schools in order that they may be classified as acceptable dental educational institutions and it is probable that this classification by the Educational Council will be carried out by the time of the next meeting of the National Dental Association.

The work of the National Association of Dental Examiners and the Dental Educational Council should receive the approval and hearty support of the National Dental Association.

Signed: COMMITTEE ON DENTAL EDUCATION.
L. M. Waugh, C. C. Allen,
H. L. Banzhaf, F. W. Gethro,
H. E. Friesell, Chairman.

October 24, 1917.

A. C. RICH moved that the report be received and referred to the Reference Committee on Dental Education. Seconded and carried.

THE REPORT of the Committee on Oral Hygiene was presented and referred to the Committee on Miscellaneous Business.

The report is as follows:

REPORT OF THE COMMITTE ON ORAL HYGIENE.

The Oral and Dental Hygiene Committee of the National Dental Association reports that the outlook for the future of Oral Hygiene in the United States is very favorable.

Many inquiries have been received relative to school inspection and clinics; all of which have received attention.

On account of prevailing conditions which have disturbed the equilibrium of our every-day life not so great an activity has been manifested as would have been under normal conditions.

It is our belief that sufficient funds should be appropriated to carry on active propaganda in the furtherance of this great work.

The progress that is being made in Industrial Dentistry is very encouraging. When Boards of Commerce are making inquiries concerning the same it shows a wide range of interest in these matters and one which is bound to bring results.

The teachings of Oral Hygiene are the fundamental principles of Preventive Dentistry and it is our wish that the gospel of this cause be spread thruout the land in the most approved manner; by compilations of the best literature bearing on this subject, by lecturers, the press, in the school and in the work shops, the latter supplemented by illustrated lectures which would demonstrate both to employer and employee the great necessity of this work, as it is strictly a health problem.

We strongly urge the introduction of school readers containing appropriate chapters devoted to this subject, whereby an early knowledge and dissemination of Oral Hygiene might be brought to the attention of the children when their minds are in the most receptive state.

Pursuant to this, we recommend such action by the House of Delegates that will make possible the adoption of some suitable book for school use, to the end that such a book may be placed in our schools at the earliest possible date.

We also ask for the sum of $300.00 to be used in carrying on this Oral Hygiene work; in the purchase of suitable slides, literature, and other expense incidental to the work.

C. H. OAKMAN, Chairman.

A. C. RICH, Chairman, presented the report of the Committee on Amendments.

IT WAS MOVED and seconded that action on these amendments be deferred until a subsequent session. Carried.

T. I. WAY, Ohio, Chairman, presented the report of the Reference Committee on Reports of Officers, as follows:

THE REPORT OF THE COMMITTEE ON OFFICERS REPORTS.

Your Committee realizes the President's valuable experience in Society work and the thought, time and energy expended in the consideration of better methods for greater efficiency in the work of the Association. The address is evidence that he has made suggestions after studying carefully and keeping in close touch with the many and various activities of the National Dental Association, extending over many years.

The Committee feels that the recommendations made will, if accepted and adopted by this body, result in greater benefit to the Association and the individual members.

We endorse the following recommendations, and would suggest that they be referred to the Amendment Committee.

1. The creation of a Section on Crown and Bridgework.

2. The creation of a Section for Anesthetists.

3. The Committee on Oral Hygiene be changed to a Section.

4. That all money of the Association shall be spent directly under the supervision of the Board of Trustees.

5. That a standing Committee be appointed, with some such title as "Committee on the Public Service Relations of Dentistry." Under such Committee could very properly come (a) Such activities as The Preparedness League of American Dentists, dealing as it does with the Public Service Relations of Dentistry in connection with the Army and Navy recruiting activities.

(b) The service of Dentistry in public institutions, such as schools, hospitals, asylums, and in fact any public or charitable work that might properly come to this organization.

6. That Section 6, Chapter III of the Constitution and By-Laws be changed, for the reason that as it now reads, it is possible for undesirable persons wishing to attend a meeting of this Association to make application for membership and get two members of their constituent society to sign same, when it would be absolutely impossible for such persons to be elected by said constituent society. This Section should be changed so that such a thing could not happen.

7. The Ad Interim Committee and your President, for reasons which have developed during this

year, deemed it wise to form a Ways and Means Committee. I would ask that that Committee be made a permanent one, as there will at all times be work for it to do.

We endorse the following recommendations and submit them to your consideration.

1. The inviting of the American Academy of Prophylaxis and Peridontology to meet at this time and place, and would recommend that his suggestion of permanent arrangements for a joint program of at least the annual meeting of each Society be placed in the hands of the Program Committee.

2. That the election of Officers of all Sections be the last order of business of the morning session of the first day, thereby giving time for organization and consultation with the incoming President regarding his policy for the year's work.

3. The appointment of a Committee for the purpose of thoroly establishing the merit of new discoveries and contributions of research, as well as mechanical devices, such Committees to report to the House of Delegates their findings for confirmation or rejection.

4. That all Dental Societies and members of this Association write letters to the President, the Secretary of War, the same Senators and Congressmen and others, to whom they wrote prior to the passage of the Dental Amendment (House Bill 4897), thanking them for their support, and that the Secretary of this Association be instructed to thank them officially.

5. That this Association make such contribution to the Black Memorial as seems fitting for such a worthy cause.

6. That this Association set aside not less than ten per cent. of all money (other than the relief fund) collection thru the office of the General Secretary, for a sinking fund.

7. That Book Reviews should be made by men well fitted for the particular subjects to be reviewed and their findings to appear in The Journal of the National Dental Association without the names of the persons doing the reviewing being published.

8. Relative to the National dues of members of the Dental Reserve Corps, we heartily endorse the recommendation and suggest that the Secretary endeavor to have the State Societies carry out the recommendations made.

(I would like to see the different state societies take care of the National Dental Association dues for their members of the Dental Reserve Corps while they are doing active service. Otherwise if the war lasts one or two years more, the National Dental Association will have lost something like 4000 members, entailing a loss in dues of $8000, an amount that could be illy borne by this Association, which, if divided among the various states, would amount to but little).

Your Committee and the President realize the difficulty of selecting the date of the Annual Meeting of this Association. Therefore it suggests that the time be fixed by the Board of Trustees, as provided in the Constitution and By-Laws.

Your Committee recommends that the selection of a dental insignia be referred to a special committee.

We endorse the President's suggestion that a testimonial banquet be given Dr. E. C. Kirk upon his retirement from the profession.

Dr. Kirk's record as a practitioner, writer, editor, and teacher is deserving of recognition, and we believe that such an occasion will afford an excellent opportunity of doing justice in a measure to the character and attainments of one who has rendered most valuable service to Dentistry.

The comprehensive reports of the General Secretary and Board of Trustees show the varied activities of this Association and evidence the efficiency of these officials, and we acknowledge with full appreciation their faithful performance of their duties thruout the past year.

Respectfully submitted,

T. I. WAY,
F. L. HUNT,
W. T. CHAMBERS,
Committee.

F. O. HETRICK, Kansas, moved that the report be received and referred to the proper committees. Seconded and carried.

H. E. FRIESELL, Pennsylvania, reported for the Committee on Miscellaneous Business regarding the Eastman and Forsyth Tablet.

COMMITTEE ON MISCELLANEOUS BUSINESS.

The Committee on Miscellaneous Business recommends that the Forsyth and Eastman Tablet Committee be continued for six months and that it then make a final report to the Board of Trustees.

Signed: L. E. PHELPS,
H. E. FRIESELL,
Chairman.

THOMAS P. HINMAN, Georgia, moved the adoption of the report. Seconded and carried.

THE SECRETARY read the following report from the Board of Trustees, and moved its adoption. Seconded and carried.

The report is as follows:

BOARD OF TRUSTEES TO THE HOUSE OF DELEGATES.

To the House of Delegates:

The Board of Trustees desire to submit the following report:

During the past year the many activities of the Association have been followed with the usual diligence and with good results. Full reports of all these you will hear thru the chairman of the various committees. Considering the work of the Association as a whole, what it has accomplished in the past and the promise of the future, one is filled with a sense of pride in being a member of the body. This work, while of benefit to the dental profession, extends much wider than this and benefits the nation. It is only by means of the organization of the profession, so that its combined force is at the back of all our plans, that our success is assured in our legislative work and other reforms.

We are entering on a period of great changes in social organization; a period which will necessitate a far closer organization of the people in all forms of activity, and this particularly calls for united strength in opposing mouth infection.

Our Journal.

The great agency upon which our future success depends for accomplishment is our Journal. It furnishes the material means; it is the bond of union. Not only this, but dental men cannot afford to be ignorant of the information it conveys. Our Journal is today a most valuable dental publication, and a profession which it fully represents must be on a high plane. Thruout the entire field of dentistry our own Journal has been and will become the real leader and not a follower.

The Trustees in carrying out the instruction of the House of Delegates of 1916 relative to the establishment of the The Journal on a monthly basis, appointed the present editorial staff.

This editorial staff has made a very complete report to the Board of Trustees and the House of Delegates, which has covered the field thoroly and will not be repeated in this report. However, we are pleased to report to the House of Delegates that notwithstanding the fact that the high cost of paper, the war crisis, the increasing of dues, the increase of postage, the uncertainty of the advertising situation, while greatly increasing our expenses and interfering in a way with some original plans, that we have placed The Journal on a monthly basis and are pleased to report a surplus in the Treasury after all bills have been met. The present editorial staff will be continued for ensuing year.

Secretary's Report.

The General Secretary's report to the House of Delegates shows a net increase of 1,718 members. This is a commendable growth considering the circumstances under which we have labored this year. However, there are several State Societies that should complete before our next annual meeting a more complete organization in their State. Therefore, we would recommend that a more aggressive organization campaign be carried on in every state during the coming year. Some State Societies, we believe, from the number of dentists reported in their State, increase their membership fifty per cent. While others should see that their entire State is thoroly organized into Component Societies. **Our slogan for 1918 should be Twenty-eight Thousand Members.**

Financial Report

The Treasurer's report for the year—receipts $59,643.50, disbursements $53,663.68, leaving a balance in the Treasury October 15th, $5,979.82.

The Journal fund has been increased $2,000, making a total in this fund at the present time of $3,741.41.

The National Relief Fund, notwithstanding the expense due to the purchasing of a Multigraph machine and the purchasing of our stamps this year, shows a total net balance of $20,063.45. Every effort should be put forth to cooperate with the Relief Fund Committee to make this fund reach a total of $30,000 for 1918.

Other Financial Reports.

The report of the Black Memorial Committee, as well as the report of the Research Commission, will show the large amount contributed by the dental profession to these funds.

Committees.

The Board desires to make the following nominations on standing committees:

STANDING COMMITTEES.

Judicial Council.

C. R. Lawrence, Chairman, Enid, Okla.
A. R. Cooke, Syracuse, N. Y.
A. L. Midgley, Providence, R. I.
Herman A. Maves, Minneapolis, Minn.
Charles R. Barnwell, Atlanta, Ga.

Dental Education.

H. E. Friesell, '19, Chairman, 1206 Highland Bldg., Pittsburgh, Pa.
Leuman M. Waugh, '18, Secretary, 576 Fifth Ave., New York City.
Henry L. Banzhaf, '21, Wells Bldg., Milwaukee, Wis.
Fred W. Gethro, '20, People's Gas Bldg., Chicago, Ill.
F. T. Breene, '22, Iowa City, Iowa.

Dental Legislation.

Homer C. Brown, '19, Chairman, 609 Hartman Bldg., Columbus, Ohio.
C. B. Gifford, '18, Secretary, Taylor Bldg., Norfolk, Va.
Herbert L. Wheeler, '21, 560 Fifth Avenue, New York City.
J. A. West, '20, Des Moines, Ia.
L. L. Barber, '22, Toledo, Ohio.

Transportation.

D. C. Bacon, Chairman, 31 N. State St., Chicago, Ill.
Jos. D. Eby, 4th National Bank Bldg., Atlanta, Ga.
Roscoe A. Day, 1225 Washington St., Oakland, Cal.
Burton Lee Thorpe, St. Louis, Mo.
John J. Welker, Toledo, Ohio.

The Board of Trustees here appointed the following on the Research Commission, to serve for five years.

Otto U. King, '22, Huntington, Ind.
Louis Meisburger, '22, Buffalo, N. Y.
Truman W. Brophy, '17, Chicago, Ill.
Donald M. Gallie, '17, Chicago, Ill.
Homer C. Brown, '17, Columbus, Ohio.

The Board of Trustees nominated Arthur R. Melendy, Knoxville, Tenn., for Treasurer. The Board of Trustees have continued the following special Committees:

G. V. Black Memorial.

Wm. H. G. Logan, Chairman, Chicago, Ill.
C. N. Johnson, Chicago, Ill.
T. L. Gilmer, Chicago, Ill.
F. B. Moorhead, Chicago, Ill.
E. K. Blair, Waverly, Ill.

Representatives on Educational Council of America.

J. V. Conzett, Chairman, 256 Thirteenth St., Dubuque, Ia.
Louis Meisburger, 85 North Pearl St., Buffalo, N. Y.
Arthur R. Melendy, Holston National Bank Bldg., Knoxville, Tenn.
LaFayette L. Barber, 718 Spitzer Bldg., Toledo, Ohio.
Geo. N. West, '22 N. State St., Chicago, Ill.

Ways and Means.

Wm. H. G. Logan, Chairman, Chicago, Ill.
LaFayette L. Barber, Toledo, Ohio.
Otto U. King, Huntington, Ind.
E. A. R. Torsch, Louisville, Ky.
Charles F. Ash, New York City.
The Law Committee has been discontinued.

The Board of Trustees recommend to the House of Delegates that the National Dental Association contribute $500 to the Black Memorial Fund.

The Board also recommends that $3000.00 from the regular Treasurer Fund be turned over to The Journal Fund.

Signed: LaFAYETTE L. BARBER, President.
OTTO U. KING, Secretary.

ON MOTION, the House of Delegates then adjourned until 4:15 P. M., Thursday.

FOURTH SESSION—OCTOBER 25, 1917.

The House of Delegates met at 4:20 P. M. and was called to order by the President.

The Secretary called the roll and announced a quorum present.

The Minutes of the previous meeting were read, corrected, and approved.

As the election of officers was the next order of business, the President appointed the following tellers: Roscoe A. Day, California; S. W. Foster, Georgia; Howard P. Cobey, District of Columbia; J. E. Hinkins, Illinois; E. S. Kibler, Indiana; C. M. Kennedy, Iowa; John W. Bailey, Massachusetts; H. A. Maves, Minnesota; G. A. Grubb, Nebraska; Walter F. Berry, New Jersey, C. S. Van Horn, Pennsylvania, and C. H. Neil, West Virginia.

ELECTION OF OFFICERS.

The following were nominated and declared duly elected:

President-elect, C. Victor Vignes, New Orleans, Louisiana; Vice-Presidents, M. E. Vance, Lincoln, Nebraska; Henry A. Kelley, Portland, Maine; Clarence J. Grieves, Baltimore, Maryland.

Inasmuch as the Vice-Presidents are not designated as first, second and third, considerable discussion arose as to their rank in case of sickness or death of the President.

THOMAS P. HINMAN, Georgia, moved that the Vice-Presidents rank in the order of their election. Seconded and carried.

At this juncture, the President-elect, C. Victor Vignes, was escorted to the platform, introduced to the House of Delegates, and said:

Mr. President and Members of the House of Delegates:

This is one time that I cannot talk or find words to express to you my gratitude and thanks for the distinguished honor you have conferred upon me.

Dentistry is passing thru a terrible stress at this time. We are all being tried. So far, we have made good. We have got to stand our ground yet for quite a while. We are fortunate in having a President in a position where he can help the profession more than it has been helped in the past. All that I can say at this time is that whatever I can do to further the interests of the association and the profession, I shall only be too willing and anxious to do.

I thank you and hope the confidence you have reposed in me has not been wrongly placed. (Applause).

GENERAL SECRETARY: Otto U. King, Huntington, Indiana, re-elected.

THE SECRETARY stated that the Board of Trustees have nominated for Treasurer Arthur R. Melendy, of Knoxville, Tennessee.

IT WAS MOVED and seconded that the rules be suspended, and that the Secretary cast the unanimous ballot of the House of Delegates for Arthur R. Melendy as Treasurer. Carried.

THE SECRETARY then cast the ballot as instructed and A. R. Melendy was declared duly elected Treasurer.

The following were elected members of the Board of Trustees: H. J. Burkhart Rochester, New York; Thomas P. Hinman, Atlanta, Georgia, and John P. Buckley, Chicago, Illinois.

THE SECRETARY read the report of the Board of Trustees, as follows:

RESOLUTIONS SUBMITTED BY BOARD OF TRUSTEES.

To the House of Delegates of the National Dental Association.

The Board of Trustees herewith submit for your approval the following resolution:

Be it Resolved by the National Dental Association, convened in annual session in the City of New York, October the twenty-fourth, 1917:

First—That the crisis today confronting the civilized world clearly demonstrates that universal military training should become firmly established in the United States.

Second—That the National Dental Association hereby pledges its moral and political support to the enactment of such legislation as will accomplish the same.

Third—That this resolution shall be transmitted thru the usual channels to the President, to Congress, and to all National political organizations.

OTTO U. KING, Secretary.

IT WAS MOVED and seconded that the report be adopted. Carried.

R. W. BUNTING, Michigan, Chairman, presented the report of the Reference Committee on Dental Education, as follows:

REPORT OF THE COMMITTEE ON DENTAL EDUCATION.

The Committee on Dental Education have carefully considered two reports which have been submitted to them. The first of these is the annual report of the Dental Educational Council of America, which we find to be a statement of conditions in Dental Education as they exist at the present time. This Committee desires first to recognize the earnest work which has been done by the Educational Council. One question is raised in the report regarding the matter of determining what Class A requirements in a dental college shall be. In view of the importance of this matter and the need for definite and well considered action in this regard this Committee respectfully submits the following suggestion: That a Committee of five representatives of dental colleges be appointed, who shall be selected by the Dental Faculties Association of American Universities, this Committee to act in an advisory capacity and full cooperation with the Dental Educational Council of America in determining what shall be specified as Class A requirements for dental colleges.

The second report to be considered was that of the Committee on Dental Education. It consisted of a statement of certain features of dental education such as the change to the four year course, preparation for war service, and the relief of dental students from military service until the completion of their dental course upon which no definite action is required. The Committee concurs in the recommendation contained in this report that "The work of the National Association of Dental Examiners and the Dental Educational Council should receive the approval and hearty support of the National Dental Association."

Respectfully submitted,

L. MEISBURGER,
HENRY W. GILLETT,
R. W. BUNTING, Chairman.
Committee.

A. C. RICH, New York, moved that the report be received and the recommendations contained therein be adopted. Seconded.

After discussion by Logan, Bunting, Friesell, West, Lyons, Conzett, and Patterson, the motion was put and declared lost.

F. O. HETRICK, Kansas, then moved that the report be received and published. Seconded and carried.

F. O. HETRICK, Kansas, Chairman, presented the report of the Reference Committee on Legislation, as follows:

REPORT OF THE REFERENCE COMMITTEE ON LEGISLATION.

To the President and the Members of the House of Delegates of the National Dental Association.

Your Committee wishes to highly commend the Legislative Committee for securing legislation approved August 29th, 1916, and March 4th, 1917, relating to the Navy Dental Corps, which greatly improved the status of that corps. Also for securing legislation approved October 6th, 1917, placing the Dental Corps of the Army and the dental students on an equal status with that of the Medical Corps and the medical students, thereby extending the benefits of this legislation to dentistry in all of its activities.

It is gratifying to record that this legislation has been secured thru the untiring efforts of the present Legislative Committee of the National Dental Association; but more particularly its Chairman, Homer C. Brown, who at all times stood for the enactment of the legislation introduced by his Committee, even when great pressure was brought to bear to influence him to withdraw the Dental Amendment to H. R. 4897.

We particularly concur in and wish to emphasize the following clause of the President's address:

The Committee recommends that the Legislative Committee be authorized and requested to continue its work acting at such time as in their judgment is most opportune for the object of securing for the Dental Corps of the Navy an equal status with the Medical Corps of that service, similar to the conditions now existing in the Army.

Your Reference Committee commends the references in the Committee's report, wherein recognition was given to all those who had rendered valuable assistance, and we especially recommend the passage of the following resolutions and that the Chairman of the Legislative Committee be commissioned to personally present them.

"To the Honorable Secretary of War.

Whereas, The National Dental Association, having received the Report of its Legislative Committee, and having learned from this report the important consideration given our Committee by the Honorable Secretary of War, Newton D. Baker:

Therefore, Be it resolved that the National Dental Association, assembled in Convention at New York City, October 25th, 1917, hereby wishes to express to the Honorable Secretary of War its deep appreciation of his kind assistance to our profession in aiding us to obtain the proper status for the dental representatives in the Army thereby enabling the dental profession to render its most efficient service for the personnel of the Army.

Signed:

....., President.

....., Gen. Sec'y.

To the Honorable Secretary of the Navy.

Whereas, The National Dental Association, having received the report of its Legislative Committee, wherein reference was made to courtesies extended to this Committee by the Honorable Secretary of the Navy, Josephus Daniels:

Therefore, be it Resolved, that the National Dental Association, in Convention assembled at New York City, October 25th, 1917, desires to convey to the Honorable Secretary of the Navy its cordial appreciation of his consideration, and further expresses the hope that the Navy Dental Corps may soon be placed on an equal status with the Navy Medical Corps, similar to the relations of the two Corps in the Army, thereby better enabling the dental profession to render its most efficient service for the personnel of the Navy.

(Signed)

"To General William C. Gorgas.

Whereas, the report of the Legislative Committee of the National Dental Association presents the fact that General William C. Gorgas, Surgeon General, U. S. A., approved April 9th, 1917, the legislation advocated by our Association, placing the Army Dental Corps on an equal status with the Army Medical Corps, and also the fact of courtesies extended from time to time;

Therefore, be it resolved, that the National Dental Association, assembled in Convention at New York City, October 25th, 1917, hereby wishes to express to the Surgeon General of the Army its deep appreciation of his kind assistance to our profession in aiding us to obtain the proper status for the dental representatives in the Army, thereby enabling the dental profession to render its most efficient service for the personnel of the Army.

(Signed)

To Admiral William C. Braisted.

Whereas, The National Dental Association, having received the report of its Legislative Committee, wherein reference was made to

many courtesies extended to this Committee by the Surgeon General of the Navy, William C. Braisted:

Therefore, be it resolved, that the National Dental Association, in Convention assembled at New York City, October 25th, 1917, desires to convey to the Surgeon General of the Navy its cordial appreciation for his many courtesies and expresses the hope that the Navy Dental Corps may soon be placed on an equal status with the Navy Medical Corps, similar to the conditions recently authorized by Congress for the two Corps in the Army, thus better enabling the dental profession to render its most efficient service for the personnel of the Navy.

(Signed)

Your Committee recommends the adoption of the report of the Legislative Committee of the National Dental Association in its entirety.

F. O. HETRICK, Chairman.
C. E. HAWLEY.
HENRY A. KELLEY.

F. M. CASTO, Ohio, moved that the report be received and adopted. Seconded and carried.

War Department, the Adjutant General's Office,
Washington, November 8, 1917.

Doctor Otto U. King, General Secretary,
National Dental Association,
Huntington, Indiana.

Dear Sir:

The Secretary of War directs me to acknowledge the receipt of and to thank you for your letter of the 3d instant, embodying a resolution of the National Dental Association, regarding dentists for the Army.

Very respectfully,
H. P. McCAM,
The Adjutant General.

War Department, Office of the Surgeon General,
Washington, October 31, 1917.

Dr. LaFayette L. Barber, President
National Dental Association,
Toledo, Ohio.

Dear Dr. Barber:

I beg to acknowledge the receipt of the Resolution of the National Dental Association and to express my appreciation of such a Resolution from your Association.

I am very much obliged for the assistance you have given us in placing the Dental Corps, U. S. Army, on a more satisfactory basis.

Sincerely yours,
M. C. GORGAS,
Surgeon General, U. S. Army.

A. C. RICH, New York, Chairman, presented the report of the Committee on Amendments, as follows:

SUPPLEMENTAL REPORT COMMITTEE ON AMENDMENTS.

Your Committee on Amendments would submit a Supplemental Report to the Report of this Committee submitted to the House of Delegates at its session October 24th, 1917. The following amended report is recommended and that the different paragraphs be acted upon separately.

COMMITTEE ON AMENDMENTS.

Your Committee on Amendments would respectfully report as follows:

We have carefully considered the recommendations of the President and make the following recommendations:

Constitution, Article 6, Section 1.

Substitute the words "eight departments" for "three sections" as follows:

Department 1. Operative Dentistry and Research.
" 2. Prosthetic Dentistry, Crown and Bridge Work, Metallurgy and Chemistry.
" 3. Oral Surgery and Anesthesia.
" 4. Oral Hygiene, Education and Industrial Dentistry.
" 5. Orthodontia, and Periodontology.
" 6. Anatomy, Physiology and Histology.
" 7. Pathology, Bacteriology, Materia Medica, and Therapeutics.
" 8. Organization and Military Dental Service.

By-Laws—Chapter 9, Section 1.

After the words "financial affairs of the Association" add "and all moneys receivable by the Association shall be disbursed under the direct supervision of the Board of Trustees."

Add Section 10, as follows:

"Invitations for the Association to convene in any city or place shall be presented to the Board of Trustees, who shall recommend to the House of Delegates the places available for an annual session with the advantages and disadvantages of each."

By-Laws—Chapter 10, Section 1.

After the words "Board of Trustees" substitute the word "three." for "two."

By-Laws—Chapter 11, Section 3.

Add the following standing committees.

(e) A Committee on Ways and Means.
(f) A Committee on Scientific Discoveries, Arts and Inventions.
(g) A Committee on Amendments.
(h) A Committee on Public Service Dental Activities.

Remove the words "and place of session" from the title of Committee "D," leaving the Committee title "A Committee on Transportation."

By-Laws—Chapter 11, Section 7.

The duties of the Committee therein named

concerning the place of annual session shall be abrogated.

Recommendation.

Wherever the word "Section" is used, relating to the section, the word "department" should be substituted.

We recommend that the standing resolution on page 69 be abrogated.

Standing Resolution.

That State and constituent societies add one dollar to their dues for the support of the Research Institute and that the treasurer of the Research Institute report to the House of Delegates those States and constituent societies complying with this request.

Recommendation.

Recommended that the Amendment Committee be authorized to re-word the Constitution and By-Laws so as to make it conform to the amendments carried at this session.

Recommended that the Board of Trustees be authorized to adjust such changes in the officers of sections already elected as may be necessary.

The report was considered section by section, and on several motions, which were duly seconded and carried, the several sections were adopted.

IT WAS MOVED and seconded that the report be adopted as a whole. Carried.

T. I. WAY, Ohio, Chairman, presented the report of the Reference Committee on Reports of Officers, as follows:

Your Committee believes the personal sacrifices that have been made, and the highly creditable work accomplished by Drs. Hayes and Davenport entitled them to some recognition from the Government. For the accomplishment of this we recommend the appointment of a special committee for the purpose of devising a method of securing this desired recognition.

IT WAS MOVED that the report be received and adopted. Seconded and carried.

H. E. FRIESELL, Pennsylvania, Chairman, reported for the Reference Committee on Miscellaneous Business.

The Committee recommends that the report on Dental and Oral Hygiene be received and placed on file.

IT WAS MOVED and seconded that the recommendation of the Committee be concurred in. Carried.

REPORT OF COMMITTEE ON PLACE OF SESSION.

House of Delegates,
National Dental Association.

The Committee on Place of Sessions has received the following invitations for the 1918 session of the National Dental Association.

From the Chamber of Commerce, Houston, Texas.

From the Board of Commissioners, Asbury Park. N. J.

From the Commerce Club, St. Joseph, Mo.

From the Atlantic City Publicity Bureau, Atlantic City, N. J.

From the Worcester Chamber of Commerce, Worcester, Mass.

From the San Francisco Convention League, San Francisco, Calif.

And from the Illinois State Dental Society, the Chicago Dental Society, and the Chicago Association of Commerce, Chicago, Ill.

This Committee is also in receipt of invitations from the Louisiana State Dental Society and the First and Second Districts Dental Society of Louisiana, to hold the 1919 session of the National Dental Association in New Orleans.

Respectfully submitted,

D. C. BACON, Chairman.
JOSEPH D. EBY.
MAX M. EBIE.
ROSCOE A. DAY.
HOWARD S. SEIP.

This report was received and placed on file.

THE PRESIDENT stated that only one place had been suggested for the meeting next year, and that was Chicago, Illinois.

HOMER C. BROWN, Ohio, moved that the House of Delegates unanimously accept the invitation of the President-elect (Wm. H. G. Logan), to hold the next annual meeting in Chicago. Seconded and carried.

The following communication was presented:

In view of the fact that the Wisconsin State Dental Society will celebrate its Golden Jubilee in 1920, we respectfully invite the National Dental Association, thru the House of Delegates, to hold its meeting with the Wisconsin State Dental Society, at Milwaukee, Wisconsin, in 1920.

(Signed) E. M. KAPITAN,
Wisconsin State Secretary.

F. M. CASTO, Ohio, moved that this invitation be received and referred to the Board of Trustees. Seconded and carried.

HENRY A. KELLEY, Maine, moved that a vote of thanks and appreciation be extended to the retiring President, L. L. Barber, for the impartial and courteous manner in which he had presided over the sessions of the House of Delegates.

Seconded and unanimously carried.

Minutes were then read and approved.

ON MOTION, which was duly seconded and carried, the House of Delegates then adjourned sine die.

MEMBERS OF THE HOUSE OF DELEGATES IN ATTENDANCE.

The figure indicates the number of delegates to which the State is entitled.

(The House of Delegates passed a resolution making the last Roll Call the permanent and official Roll Gall of the 1917 meeting.)

Alabama—2

Charles F. Chandler Montgomery.
H. Clay Hassell Tuscaloosa.

Arizona—1.

J. Harvey Blain, Prescott.

Arkansas—2.

Elbert Stewart, Little Rock.
J. D. Jordan, Little Rock.

Army Dental Corps—1.

Edwin P. Tignor, New York City.

California State—4.

John D. Millikin, San Francisco.
Frank L. Platt, San Francisco.
Roscoe A. Day, San Francisco.
Louis Graham, San Francisco.

California Southern—3.

B. B. McCollum, Los Angeles.
Bert Boyd, Los Angeles.
Nye White Goodman, Los Angeles.

Colorado—2.

W. T. Chambers, Denver.
W. A. Brierley, Pueblo.

Connecticut—3.

Edward S. Gaylord, New Haven.
Alfred C. Fones, Bridgeport.
David W. Johnston, New Haven.

District of Columbia—2.

C. A. Hawley, Washington.
Mark F. Finley, Washington.

Florida—2.

J. E. Chace, Ocala.
W. G. Mason, Tampa.

Georgia—3.

M. D. Huff, Atlanta.
A. A. Williams, Columbus.
S. W. Foster, Atlanta.

Illinois—11.

Wm. H. G. Logan, Chicago.
T. A. Broadbent, Chicago.
L. L. Davis, Chicago.
J. E. Hinkins, Chicago.
J. P. Luthringer, Peoria.
D. M. Gallie, Chicago.
P. B. D. Idler, Chicago.
W. A. Hoover, Gibson City.
V. P. Perisho, Streator.
O. L. Frazee, Springfield.

Indiana—6.

F. R. Henshaw, Indianapolis.
R. R. Gillis, Hammond.
F. B. Garner, Muncie.
M. M. House, Indianapolis.
E. R. Kibler, Indianapolis.
F. R. Lucas, South Bend.

Iowa—6.

S. G. Barker, Jefferson.
R. H. Volland, Iowa City.
C. M. Kennedy, Des Moines.
E. R. Swank, Panora.
H. P. White, Sioux City.
J. V. Conzett, Dubuque.

Kansas—3.

C. B. Reed, Topeka.
F. O. Hetrick, Ottawa.
G. A. Crise, Manhattan.

Kentucky—3.

H. B. Tileston, Sr., Louisville.
W. F. Walz, Lexington.
J. H. Baldwin, Louisville.

Louisiana—2.

J. P. Wahl, New Orleans.
Leo C. Dempsey, New Orleans.

Maine—2.

George W. MacKay, Millinocket.
Henry A. Kelley, Portland.

Maryland—2.

B. Merrill Hopkins, Baltimore.

Massachusetts—2.

John W. Bailey, Boston.
F. P. Barnard, Worcester.

Michigan—5.

Russell W. Bunting, Ann Arbor.
E. A. Honey, Kalamazoo.
C. J. Lyons, Ann Arbor.
W. A. Giffen, Detroit.

Minnesota—5.

C. C. Sparrow, Breckenridge.
J. M. Walls, St. Paul.
H. A. Maves, Minneapolis.
W. D. Vehe, Minneapolis.

Missouri—5.

C. C. Allen, Kansas City.
George E. Haigh, Jefferson City.
C. C. Clark, Kansas City.
J. D. Patterson, Kansas City.

National Capital—1

Emory A. Bryant, Washington, D. C.

Navy Dental Corps—1.

Harry E. Harvey, New York City.

Nebraska—3.

J. H. Wallace, Omaha.
G. A. Grubb, Lincoln.
William L. Shearer, Omaha.

New Hampshire—1.

A. J. Sawyer, Manchester.

New Jersey—4.

Henry Fowler, Harrison.
William H. Gelston, Camden.
Chauncey M. F. Egel, Westfield.
Walter F. L. Barry, Orange.

New Mexico—1.

J. J. Clarke, Artesia.

New York—9.

W. W. Smith, Rochester.
J. W. Canaday, Sr., Albany.
Louis Meisburger, Buffalo.
A. C. Rich, Saratoga.
J. B. West, Elmira.
Stephen Palmer, Poughkeepsie.
A. C. Bickelhaupt, Syracuse.
Ellison Hillyer, Brooklyn.
A. P. Burkhart, Auburn.

North Carolina—2.

F. L. Hunt, Asheville.
Conrad Watkins, Winston-Salem.

North Dakota—2.

W. E. Hocking, Devil's Lake.

Ohio—8.

H. C. Brown, Columbus.
J. R. Callahan, Cincinnati.
F. M. Casto, Cleveland.
L. E. Custer, Dayton.
Weston A. Price, Cleveland.
T. I. Way, Cincinnati.
E. E. Hall, Columbus.
E. S. Braithwaite, Chicago Junction.

Oklahoma—3.

C. R. Lawrence, Enid.
A. E. Bonnell, Muskogee.
L. G. Mitchell, Oklahoma.

Oregon—2.

Herbert C. Miller, Portland.
Maude Tanner, Portland.

Pennsylvania—8.

C. S. Van Horn, Bloomsburg.
W. A. Spencer, Carbondale.
J. F. Biddle, Pittsburgh.
H. S. Seip, Allentown.
H. E. Friesell, Pittsburgh.
S. P. Cameron, Philadelphia.

Porto Rico—1.

Francisco Ponte, San Juan.

Rhode Island—2.

I. B. Stilson, Providence.
A. L. Midgley, Providence.

South Carolina—2.

R. Webb Thompson, Spartansburg.

Tennessee—2.

Justin D. Towner, Memphis.
James W. Winn, Nashville.

Texas—3.

G. P. Robertson, San Antonio.
Julian Smith, Dallas.
B. F. Thielen, Paris.

Trustees.

Clarence J. Grieves, Baltimore, Md.
Waldo E. Boardman, Boston, Mass.
Marcus L. Ward, Ann Arbor, Mich.
Thomas B. Hartzell, Minneapolis, Minn.
C. L. White, Oklahoma City, Okla.
Geo. T. Williams, Seattle, Wash.
H. J. Burkhart, Rochester, N. Y.
Thomas P. Hinman, Atlanta, Ga.

Vermont—1.

W. R. Pond, Rutland.

Washington—3.

E. B. Edgers, Seattle.
F. B. Lyncott, Spokane.
F. W. Hergert, Seattle.

West Virginia—2.

J. S. Stone, Clarksburg.
C. H. Neil, Fairmont.

Wisconsin—4.

E. M. Kapitan, Manitowoc.
J. V. Miller, Manitowoc.
J. C. Capron, Mehasha.
G. A. Straton, Fon Du Lac.

Wyoming—1.

Peter Appel, Jr., Cheyenne.

Section 11.

J. A. West, Des Moines, Iowa.

PROCEEDINGS OF THE BOARD OF TRUSTEES.

Minutes of the Twenty-first Annual Session of the National Dental Association Held in New York City, N. Y., October 22-26, 1917.

FIRST SESSION.—CHICAGO.

PURSUANT to the call, the Ad Interim Committee met in Chicago, Ill., January 27th, 1917, at the La Salle Hotel.

The meeting was called to order by the President, Dr. LaFayette L. Barber, at 10 A. M.

The following were present: Drs. Barber, King, Hartzell, Burkhart, Buckley and Logan.

VOTED that the Treasurer's bond of $10,000.00 with the Fidelity Deposit Company, of Maryland, be renewed, and the Secretary authorized to issue an expenditure order for the premium, $40.00.

Dr. D. C. Bacon, of Chicago, Chairman of the Committee on Transportation and place of session reported that his committee had received from the Grand Trunk Railroad System, a reduced fare on the certificate plan, to our meeting in New York City in 1917. He reported that the committee had accepted the transportation company's proposition.

Upon motion made, duly seconded and carried, the Ad Interim Committee gave its approval to the report of the Transportation Committee.

The Secretary read the following communication from the Local Committee on Arrangements:

"Louisville, Ky., Dec. 5th, 1916.

Board of Trustees:—

The Local Committee of the National Dental Association is nearing the completion of its labors and begs to report the following: That after paying all valid claims against the committee, as far as possible, we are able to hand you herewith a check for fifteen hundred dollars, ($1500.00) as part of the balance on hand.

We are anxious to establish at our new City Hospital, a room, as a memorial of the meeting of the National Dental Association held in our city July 25th, 1916, equipped with dental chair, cabinet, anesthetic outfit, etc., suitable for oral surgical work, including extractions and prophylaxis. This equipment, when installed, would be under the management and upkeep of the Jefferson County Dental Society, for whose members we hope to get contributions from, and assessments. This will cost a few hundred dollars and after this amount has been appropriated, we will still have four or five hundred dollars more to give to the National, when all accounts have been settled.

We hope that our plans will meet with the approval of the Board of Trustees, and we feel gratified in being able to give the Board such a fine balance. We recommend that part of this money, turned over to you from our Committee, be given to the Relief Fund and part to the Research Institute.

Respectfully yours,

E. A. R. TORSCH, Secretary.

Louisville, Ky., Jan. 12, 1917.

Board of Trustees:

Under separate cover we are sending the expert accountant's report on the proceedings of the local arrangement committee.

We desire to very urgently reiterate our request of December 5th, 1916, that a certain sum be set aside for the equipment of the dental department in the City Hospital in memory of the National meeting.

It is with considerable pleasure that we report such a handsome balance on the right side of the ledger and this can be chiefly attributed to the painstaking effort of each member of the local committee to keep his expenses down to the lowest possible figure the only instance when this was impossible occurred in the number of programs, exhibitors' announcements, schedules and badges ordered, because these figures, as given us from previous conventions, were misleading.

Assuring you that the work done before and during this biggest meeting ever held by the National, was a pleasure, and that your decision upon our request will be accorded the respect it deserves.

Very respectfully,

LOCAL COMMITTEE ON ARRANGEMENTS.

E. A. R. TORSCH, Secretary.

REPORT OF EXPERT ACCOUNTANT.

Louisville, Ky., Nov. 25, 1916.

Local Committee on Arrangements,
National Dental Association.

Gentlemen:

Pursuant to instructions of Dr. Max H. Eble, of your committee, the undersigned have audited the accounts of your Secretary and Treasurer, Dr. E. A. R. Torsch, for the period of December 20, 1915, to November 23, 1916, and present for your information and consideration the following report.

For the purpose of verifying cash we obtained a statement as of November 25, 1916, from the depositary of the funds of the committee, the National Bank of Commerce, which said statement evidenced a balance on deposit of $2,830.98 against which two checks aggregating $16.75 are outstanding and when presented for payment will reduce the balance in Bank to $2,814.23 corresponding with the balance as evidenced by the books of the Treasurer.

All funds received were deposited in Bank and all disbursements made by check excepting the amount of $26.50 representing $25.00 cash received from an exhibitor and paid over to Bank to take up a protested check of the said Exhibitor and exchange charges aggregating $1.50 on checks received subject to collection charges. All receipts were checked against the deposit thereof in Bank and all disbursements were checked against the checks issued therefor and surrendered by bank bearing endorsement of payee. In addition to the evidence of the endorsed check a further voucher, in form of a formal receipt executed by the Creditor, was found for all disbursements excepting the following:

Name—Purpose	Amount
Elizabeth Rogers, Registration Booth	$ 27.50
Louisville College of Dentistry, Drayage on Chairs	7.93
Nanz and Nenner, Flowers at Keiths	2.00
Dr. Randall, Postage and Telegraph	7.50
W. J. Rueff, Sign	.60
Boy Scouts, Scout Services	25.00
Kentucky State Dental Society, Payment of Loan	250.00
Jefferson County Dental Society, Payment of Loan	100.00
Louisville Convention and Publicity League, Reimbursement	500.00
Kleins, Committee Luncheons	9.00
Dr. Round, Entertainment, Doctors Long and Buckley	7.75
	$937.28

The following statement presents Receipts and Disbursements in Detail:

RECEIPTS.

Source	Amount
Temporary loan by Kentucky State Dental Society	$ 250.00
Temporary loan by Jefferson County Dental Society	100.00
Reimbursement of money loaned	1500.00
Interest on money loaned	13.34

Clinic Patient	10.00	
Advertising	15.00	
Reimbursement on protested check and protest fees	53.80	
Exhibitors	7365.52	
Total receipts		$9307.66

DISBURSEMENTS.

Purpose		Amount
Money loaned	$1500.00	
Repayment of temporary loan to Kentucky State Dental Society	250.00	
Repayment of temporary loan to Jefferson County Dental Society	100.00	
Reimbursement to Louisville Convention and Publicity League	500.00	
Salaries	350.00	
Stenographic services	59.00	
Office expense	21.75	
Postage	275.59	
Telephone and Telegraph	44.54	
Printing	414.59	
Publicity	65.85	
Protested Checks and Protest Fees	106.63	
Exchange on Checks	1.50	
Surety Bond Premium	8.75	
Traveling expense	34.00	
Registration	75.90	
Entertainment	523.40	
Water and Ice	24.06	
Decorating	1243.57	
Electric Fans and Current	81.93	
Tips to Armorers	25.00	
Door Keepers	104.50	
Boy Scouts	40.00	
Badges	375.25	
Towels	5.00	
Clinic	117.52	
Exhibits	135.25	
Incidentals	9.85	
Total disbursements		6493.43
Balance to be accounted for November 25, 1916		$2814.23
Accounted for as follows:		
Balance—National Bank Commerce	$2830.98	
Deduct—Checks outstanding:		
No. 114	$9.00	
No. 115	7.75	16.75 2814.23

Every assistance was afforded by the Treasurer and his bookkeeping during the work, for which and courtesies extended we wish to express our appreciation and thanks.

Respectfully submitted,
MELDRUM & MELDRUM,
Public Accountants and Auditors."

MOVED and seconded that the report of the local committee be received, and the committee be congratulated on the excellent report. Carried.

MOVED and seconded that the proposition of the local committee to set aside a certain fund for the equipment of a dental department in the City Hospital at Louisville, be declined and that the committee be requested to forward to the General Secretary, the balance on hand. Carried.

January 13th, 1917.

My Dear Dr. King:

Dr. McCormack, Secretary of the State Board of Health of Kentucky has just notified me that an Agreement Case will be tried in the District Court of Louisville at once to determine the legal status of the unlicensed (nurse) anesthetist and that the same case will be then reviewed by the Supreme Court.

This is being done to get a decision in the matter that will create a precedent.

Dr. McCormack has asked me to secure the endorsement of all the larger medical and dental societies in support of the Attorney General, of Kentucky, who will represent the State Board.

If there is any way by which the enclosed resolutions can be endorsed and attested by the executive officials of the National Dental Association, I would like to have such action taken as soon as possible.

Some ten years ago anesthesia in dentistry almost went into the discard because men believed an automatic machine or an office assistant could administer it. We are trying to conserve anesthesia as an integral and inviolable part of the practice of medicine and surgery and we intend to see to it that as in Ohio and now in New York, dental anesthetists shall have absolutely the same rights and privileges under the law as medical anesthetists.

Anything you can do to keep the discovery of Long, Morton, Wells, Andrews, Evans, Colton and scores of other den-

tists and physicians inviolate as the heritage of dentists and physicians will be deeply appreciated.

Awaiting your pleasure, I remain

Very cordially yours,

F. H. McMECHAN.

Avon Lake, Ohio.

MOVED and Seconded that we are in favor at all times, of giving to the dental profession, the right to administer anesthesia. Carried.

MOVED and Seconded that the Dentinol and Pyorrhocide Company's request for advertising their proprietory medicines in The Journal of the National Dental Association be rejected. Carried.

MOVED and seconded that we create a Committee on Ways and Means, to consist of five members, whose duties shall be to determine an equitable basis for the renting of space and other matters of finance and policy, concerning exhibits and expenditures incurred at our annual meetings. Carried.

MOVED and Seconded that Dr. Wm. H. G. Logan, Chicago, Ill., be appointed Chairman of the Ways and Means Committee, and that the President, L. L. Barber, Toledo, Ohio, and Secretary Otto U. King, Huntington, Ind., E. A. R. Torsch, Louisville, Ky., and Chas. F. Ash, New York City, also be made members of this committee. Carried.

MOVED and seconded that the Ways and Means Committee be instructed to formulate its rules and policies, and submit same to the Ad Interim Committee, before taking definite action. Carried.

The bills for which Expenditure Orders from No. 153 to No. 195 were presented and allowed, and the Secretary authorized to draw a warrant on the Treasurer for all unpaid bills.

MOVED and seconded that the Secretary be authorized to purchase a Multigraph Machine,—this machine to be paid for from the National Relief Fund. Carried.

Dr. C. B. Warner appeared before the Board in the interest of the work of the Law Committee. His verbal report was discussed in an informal way, but no definite action taken. However, it was the sense of the members of the Board that his committee should not take up an active propaganda at this time.

Dr. Charles H. Oakman, of Detroit, Mich., Chairman of the Oral Hygiene Committee of the National Dental Association, appeared before the Board and presented in detail an outline of his part of the program, to be presented at the 1917 meeting. The Board approved the plans of Dr. Oakman, and gave their enthusiastic endorsement to his planning for a great mass meeting of Oral Hygiene workers, covering the political, medical, dental and educational field.

MOVED and seconded that the President be authorized to appoint a Committee on Crown and Bridgework, a Committee on Anesthesia, and any other Committees he may deem necessary, in carrying out the plans for the 1917 meeting. Carried.

Dr. King, as Editor of The Journal of the National Dental Association, suggested that The Journal open its pages for the publication of State Society Proceedings, and that in order to carry out this plan, it would be necessary for him to have sufficient funds to secure assistance in taking the reports of the various state society meetings.

MOVED and seconded that the editor of The Journal be authorized to secure a stenographer and such other assistants as may be necessary to secure state society papers or copy for The Journal of the National Dental Association. Carried.

The Secretary of the National Dental Association called the attention of the Board to some misunderstandings that had appeared in the Research Department, relative to errors in headings of various papers, etc. After an informal discussion, Dr. Hartzell moved that the

previous action of the Trustees, giving to Dr. Weston A. Price some authority in the editing of the Research Department, be rescinded.

Motion prevailed by a unanimous vote.

MOVED and seconded that the Editor of The Journal be given exclusive authority and be held responsible for the editing and publishing of The Journal. Carried.

SECOND SESSION.—CLEVELAND.

Pursuant to the call of Dr. Barber, President of the National Dental Association, there was held a joint meeting of the Trustees of the National Dental Association, Trustees of the Research Institute and members of the Research Commission of the National Dental Association in the Research Institute at Cleveland, Ohio, March 10, 1917.

This joint meeting was called to order at 10:00 A. M. and the following members were present: L. L. Barber, Otto U. King, E. R. Warner, J. M. Murphy, D. M. Gallie, Homer C. Brown, Marcus L. Ward, J. V. Conzett, C. C. Allen, Thomas B. Hartzell, Wm. H. G. Logan, Edward A. Petrequin, H. J. Burkhart, Weston A. Price, and Miss Lefa Beman.

The President, Dr. Barber, stated that the purpose of the meeting was to secure a better understanding as to the future policies of the National Dental Association and the Research Institute.

The Secretary then read the communications from S. C. Brooks and M. B. Cohen asking they be relieved of their duties as members of the Research Staff of that institution.

DR. LOGAN MOVED and Dr. Allen seconded the following resolution:

Resolved, that the Secretary, Dr. Otto U. King, convey to all the absent members and to Drs. Hektoen and Vaughan their appreciation and confidence in Dr. Price and the policies of the Research Institute and concur in the action of the Executive Committee in accepting the resignations of Drs. Cohen and Brooks, but instead of terminating the first day of May the said resignations to terminate the tenth day of March. Carried by unanimous vote.

Dr. Price was asked to make a statement relative to the Carnegie Foundation. He went into detail, thoroly, regarding the purpose of the research movement, the changing of the Constitution of the National Dental Association, the purpose of having a place of business in order to receive endowments, etc., etc., etc.

ON MOTION of Dr. Burkhart, seconded by Dr. Gallie, and unanimously carried, it was

Resolved, that this joint committee, composed of the representatives of the Trustees of the Research Institute, the Research Commission, and the Trustees of the National Dental Association, endorse the proposition that it is wise and expedient that there be an affiliation with Universities, Hospitals and Dispensaries for the carrying on of research work and that the Executive Committee of the Trustees of the Research Institute and the President of the National Dental Association are appointed a committee to consult with the officers of such Universities, Hospitals and Dispensaries to ascertain under what conditions such affiliation may be maintained. The Executive Committee and the President of the National Dental Association are directed to present such plans to the Board of Trustees of the Research Institute, the Research Commission and the Trustees of the National Dental Association for final action. The Executive Committee and the President of the National Dental Association are also directed, when the plan is formulated, to submit the same to a mail vote of the Trustees of the Research Institute and the members of the Research Commission.

DR. BROWN MOVED, That the committee appointed in Dr. Burkhart's resolution be authorized to consummate some satisfactory arrangement with the Western Reserve University and local hospitals, reserving immediately the right to later take this same question up with other · Universities, Hospitals and Dispensaries. Seconded and carried.

Dr. King, as Secretary of the National Dental Association and editor and business manager of The Journal, submitted his budget report of the probable receipts and expenditures to January 1, 1918, showing that on an estimated basis of seventeen thousand members, that there would be practically no balance left in the treasury at the close of the year.

ON MOTION of Dr. Burkhart, seconded by Dr. Allen, and unanimously carried, it was

Resolved, that it be recommended to the various State Societies that their State dues be increased one dollar per member for the support of the Research Institute, which amount shall be paid directly to the Treasurer of the National Research Institute; that we further recommend, in those states where the dues have been raised for this purpose, that the Treasurer or Secretary of each state be requested to forward all research funds raised for this purpose directly to the Treasurer of the Research Institute.

DR. PRICE MOVED, "That it be the sense of this body that the motion just passed be understood to be the sense of this body as the action that should prevail in the National Association meeting in the next annual session."

ON MOTION of Dr. Price, seconded by Dr. Conzett, and unanimously carried, it was

Resolved, that the resolution in reference to the dues be published in the next issue of The Journal of the National Dental Association.

The President, Dr. Barber, called the Trustees of the National Dental Association to order.

Expenditure orders number 196 to 207 were read.

MOVED and seconded that Expenditure Orders from No. 196 to No. 207 be allowed. Carried.

MOVED and seconded that copies of The Journal furnished to the Research Institute, be charged to them at actual cost. Carried.

There being no further business, the meeting adjourned at 10:00 P. M.

SPECIAL—TELEGRAM VOTE.

Sunday, April 15th, 1917, the Secretary received the following telegram:

"Can the Ad Interim Committee authorize at once that the Preparedness League of American Dentists be constituted a special committee of the National Dental Association in the present emergency. Wire answer.

Dental Committee General Medical Board, Council of National Defense in Session Powsattan Hotel, Washington, Edward C. Kirk, Chairman, J. W. Beach."

In order to secure a vote on this proposition, the following telegram was sent to each member of the Ad Interim Committee: "April 15, 1917.

To Members of Ad Interim Committee:

Edward C. Kirk, Chairman Dental Committee General Medical Board, Council of National Defense, and Doctor Beach, would like for Ad Interim Committee to authorize that the Preparedness League of American Dentists be constituted a special committee of National Dental Association in the present emergency. This organization now in session in Washington awaiting our decision. Wire answer.

OTTO U. KING,
Secretary National Dental Ass'n."

The vote was unfavorable, as noted in the following telegram:

"April 16, 1917.

Dr. Edward C. Kirk,

Powsattan Hotel, Washington, D. C.

Ad Interim Committee by wire, vote unfavorable on your proposition of the Preparedness League of American Dentists being constituted special committee of National Dental Association in the present emergency.

OTTO U. KING,

Secretary National Dental Ass'n."

THIRD SESSION.—BUFFALO.

Pursuant to the call of the President of the National Dental Association, the following members of the Ad Interim Committee met in Buffalo, New York, April 26th, 1917, at 10:00 A. M.: Barber, Logan, Burkhart, Hartzell, Hinman and King.

The purpose of holding this meeting in Buffalo was to enable the Ad Interim Committee to attend a session of the Preparedness League of American Dentists.

After an informal discussion of the relationship existing between the Preparedness League of the American Dentists and the Dental Committee of the General Medical Board, Council of National Defense, the following resolution was offered:

MOVED and seconded that inasmuch as the Preparedness League of American Dentists have been recognized by the National Dental Association, therefore, we concur in the recommendation of the Dental Committee of the General Medical Board, Council of National Defense, charging the Preparedness League of American Dentists with the great humanitarian duty of securing the voluntary service of members of the civilian dental profession, for the elimination of army disabilities in prospective recruits for the Army and Navy, who are otherwise eligible for enlistment. This resolution carried by unanimous vote.

Expenditure orders number 208 to 213 were read as itemized and allowed. Secretary ordered to draw warrants on treasurer.

There being no further business, the meeting adjourned.

FOURTH SESSION.—NEW YORK CITY.

A meeting of the Board of Trustees of the National Dental Association was held in the Rose Room of the Hotel Astor, New York City, on Monday, October 22nd, 1917.

The meeting was called to order by the President, Dr. L. L. Barber, at 11:30 o'clock.

There were present Drs. W. H. G. Logan, Otto U. King, Clarence J. Grieves, Waldo E. Boardman, Marcus L. Ward, Thomas B. Hartzell, Geo. T. Williams, H. J. Burkhart and Thomas P. Hinman. Owing to illness of Dr. Buckley he was unable to attend.

The Secretary, after calling the roll, announced a quorum present.

The Secretary read the various minutes of the Ad-Interim Committee held during the year.

DR. HINMAN OFFERED the following resolution:

"That the President and Secretary be authorized to draw an order on the Treasurer for $1,000 to be placed to the credit of the Secretary of the National Dental Association—this money to be used by the Secretary as a petty cash fund for such purposes as may require ready cash."

"That the Secretary be directed to use this fund for such activities as he may be called upon from time to time."

Seconded by Dr. Burkhart. Carried.

DR. HINMAN MOVED that only the resolutions of the joint meeting of the Board of Trustees of the Research Institute and the Board of Trustees of the National Dental Association and the members of the Research Commission be published in our records.

Dr. King seconded the motion. Carried.

DR. HINMAN OFFERED the following resolution:

"That the Educational Council be directed to submit to the Board of Trustees before the close of this session, and annually thereafter, a detailed report of their expenditures."

Dr. Ward seconded the same. Carried.

The Educational Council of America submitted the following report:

FINANCIAL REPORT OF THE TREASURER OF THE DENTAL EDUCATIONAL COUNCIL OF AMERICA FROM JULY 20TH, 1916, TO OCT. 18TH, 1917.

Receipts.

July 20, 1916, Cash on hand	$ 667.16
March 15, 1917, from Nat'l Ass'n Dental Faculties	689.90
March 26, 1917, From National Dental Association	200.00
	$1557.06

Disbursements.

Nov. 9, 1916, to H. E. Friesell	$148.50	
Aug. 11, 1916, To Milwaukee Ptg. Co.	8.90	
Sept. 8, 1916, To Milwaukee Ptg. Co.	11.15	
Oct. 12, 1917, to Geo. N. West	4.40	
Oct. 15, 1917, to F. Steinbrecher	35.60	
Petty Cash, (detail attached)	13.26	
	$221.81	221.81
Oct. 18, 1917, Cash on hand		$1335.25

UPON MOTION made, seconded and carried the minutes as read and corrected were approved.

SECRETARY'S ANNUAL REPORT.

To the Board of Trustees of the National Dental Association, the Secretary submits the following report:

Orders 153 to 214, and Expenditure Orders 215 to 248 issued since date of last Trustees meeting were read and allowed.

ITEMIZED STATEMENT OF SECRETARY'S CASH BOOK.

Receipts.

Current Dues	$39477.00
Back Dues	959.00
Journal Advertising	9566.58
National Relief Fund	8032.75
Research Institute	663.00
Journal Subscriptions, etc	158.32
Miscellaneous	356.31
Received from Local Committee, Louisville, Ky.	2641.43
Total	$61854.39

Remittances to Treasurer.

Dues, Advertising, Journal Subscriptions, Miscellaneous, Etc	$50517.21
Money Received from Local Committee, Louisville, Ky., from Annual Meeting	2641.43
Relief Fund	8032.75
Research Institute	663.00
Total	$61854.39

Remittances to Treasurer.
(Itemized.)

1916.	
August 7, (5 Shares U. S. Steel Stock received from Jas. McManus, sent to A. R. Melendy) Relief Fund	$ 500.00
September 28, Research Institute	100.00
October 5	500.00
October 23, Research Institute	250.00
October 30	500.00
November 16, Relief Fund	50.00
November 16, Research Institute	1.00
December 2	500.00
December 18	1500.00
December 19	100.00
December 30	500.00
1917.	
January 11	2500.00
January 18	500.00
January 24	500.00
February 1	3000.00
February 3	300.00
February 5	2000.00
February 17	1200.00
February 20, Relief Fund	1000.00
February 22, Relief Fund	500.00
March 6	500.00
March 19	600.00
March 20	500.00
March 22	500.00
March 26	500.00
March 28	500.00
April 5	500.00
April 6	500.00
April 7	500.00
April 10	300.00

April 19	500.00
April 20	500.00
April 27	300.00
April 28	500.00
May 1	1000.00
May 2	200.00
May 5	500.00
May 8	1500.00
May 14	700.00
May 19	500.00
May 23	200.00
May 24	1000.00
May 25	800.00
May 28	500.00
May 31	1000.00
June 4	4000.00
June 19	1000.00
June 22	1000.00
June 27	500.00
June 28	250.00
June 30	1000.00
July 5	1000.00
July 14	1200.00
July 17	500.00
July 24	300.00
July 28	500.00
July 30	600.00
August 1	500.00
August 2	650.00
August 4	3000.00
August 16	800.00
September 5	532.50
September 15	500.00
September 22	400.00
September 26, Relief Fund	5926.95
October 3	4000.00
October 4	1200.00
October 6	600.00
October 8	600.00
October 10, Relief Fund	7.00
October 10	542.94
October 12	144.00
Total	$61854.39

ITEMIZED STATEMENT OF DISBURSEMENTS, JULY 10, 1916, TO OCTOBER 12, 1917, AS PER EXPENDITURE ORDERS 153 TO 248, INCLUSIVE.

President's Office	$ 477.09
Secretary's Office	7718.92
Treasurer's Office and Committees	1455.31
Printing	633.17
Stamps, Postage and Money Orders	4520.11
Fixtures	561.28
Journal	27947.22
Supplies—Labor, Rent, Insurance, Refund Dues, Electricity and Miscellaneous	7596.58
Research Institute	760.00
Paid into Journal Fund	2000.00
Total	$53669.68

To the Board of Trustees of the National Dental Association:

State of Indiana, Huntington County, SS.

This is to certify that we have examined the cash book of the above named association on pages 41 to 73, both inclusive, which pages contain the cash entries of the above named association, as submitted to us, made and entered therein between the dates of July 1, 1916, and October 10, 1917, and find as follows, to-wit:

That the total cash receipts from all sources equals the total remittances to the treasurer of said association, both amounting to $61,854.39.

That the total amount of orders issued against the Treasurer of said association amounts to $53,669.68.

That the book is in proper balance.

Witness our hand this 11th day of October, 1917.

LELIA V. WILL, Bookkeeper,
National Dental Association.

FRANCES ERLENBAUGH,
Bookkeeper,
Whitelock Press.

OUR EXPENSES.

The publication of The Journal on a monthly basis has added greatly to our expenses. I wish to call particular attention to some of these items of expense, such as salaries, labor purchasing of new machinery, general office expenses, which includes postage, stationery, typewriters, dictaphones, desks, new multigraph machine, new addressograph machine, filing cabinets, etc., etc. Besides these added expenses, the Secretary's railroad and hotel expenses have been greater this year than in all the three previous years, having traveled a total of 38,456 miles.

It may also be of interest to the Board of Trustees to know that the Secretary has mailed out of his office 408,000 pieces of mail.

Notwithstanding these increases of expenses—the disorganization of state

societies due to the fact that all state societies had to change their constitutions in order to meet the increase of National dues to $2.00—and the unsettled condition due to the war situation, we have been able to not only maintain our present membership but to increase it to nearly 2,000 over 1916. We have also been able to establish The Journal on a thoro financial foundation, leaving a nice surplus in the treasury.

SECRETARY RETIRES FROM ACTIVE PRACTICE.

On account of the tremendous amount of labor involved in the publishing of a monthly journal, together with our secretary' work, made it imperative for me to retire from active practice, on January 1, 1917. This decision was made after having tried and failed to secure a competent assistant as proof reader to assume some of my responsibilities in connection with the general work of preparing the copy for publication as well as assisting in proof reading, therefore I found it necessary to discharge my second proof reader appropriating her salary to my own salary which at least in a small way helped to compensate me for my loss from the income from my practice.

RESERVE FUND.

I would like to suggest in order to place our National Association on a better financial basis so that we may have sufficient funds on hands at all times to tide us over a lean year that The Journal fund be used as a reserve fund and to this amount which we now have in this fund 10% of all money received in the Secretary's office (except such funds as Relief Fund) be turned into this reserve fund. The dental profession in too many instances, in its organization work, have failed to show the keen business ability or insight that they should. Therefore, it seems to me to be imperative for the trustees of our National Dental Association to establish a Reserve Fund which will give at all times to our National work a spirit of solidarity which will result in increased confidence from our membership in the success of all of our plans. No organization will ever grow and develop as it should by business policy of "living from hand to mouth." Therefore, our National Dental Association must have a strong financial backing to establish our Journal and carry out other big undertakings. The Trustees should bear in mind that we are also financially liable for the failure of a local committee to pay its bills. To meet such emergency is another argument why we should have such a Reserve Fund.

That part of the Secretary's report which has been referred to in his report to the House of Delegates, The Journal report as well as suggested in the Trustees' report to the House of Delegates has not been repeated in this report.

To each member of the Board of Trustees we wish to extend our sincere thanks and appreciation for the loyal cooperation we have received during this year's work.

Respectfully submitted,
OTTO U. KING,
General Secretary.

DR. HARTZELL MOVED that the salary of the proofreader who was discharged be transferred to Dr. King to compensate him for the extra labor in reading proof in addition to his regular salary. This motion was seconded by Williams and carried.

Dr. Melendy, the treasurer, then read his report.

NATIONAL DENTAL ASSOCIATION; REPORT OF TREASURER, OCT. 15TH, 1917.

Receipts.

Bal. July 20th, 1916	$ 5294.06
Receipts from July 20th, 1916, to Oct. 15th, 1917	54195.44
Total	$59489.50

Disbursements.

July 20th, 1916, to Oct. 15th, 1917, as per vouchers No. 153 to 248, inclusive.....	$53663.68
Bal. Oct. 15, 1917.....	$ 5825.82

Special Funds.

National Relief Fund on deposit at 4 per cent. Compound Semi-Annual in Lincoln National Bank, Savings Dep't., Rochester, N. Y.	$ 5976.41
In Holston National Bank, Savings Dep't., Knoxville, Tenn.	5497.12
In Citizens State Bank, Huntington, Ind., Savings Dep't., Book No. 888.....	5926.95
Savings Dep't., Book No. 890.....	1662.97
U. S. Steel Stock preferred	5000.00
Five Bonds of American Mortgage Guarantee Co., Indianapolis, Ind., 6%.....	500.00
Net Bal.	$20063.45
Expense for Relief Fund per vouchers No. 3 to No. 11. This amount was withdrawn from Holston National Bank....	$1731.70

Journal Fund.

On deposit Savings Dep't., Holston National Bank, Knoxville, Tenn.....	$3741.41

Respectfully submitted,

ARTHUR R. MELENDY, Treasurer.

DR. HINMAN MOVED and seconded by Hartzell that the report of the Secretary and Treasurer be received. Carried.

Dr. Melendy suggested that the salary paid to the incoming Treasurer be increased, as the amount now paid, $100, is insufficient.

Dr. Burkhart recommended that this matter go over until later.

President Barber requested authority from this body to invest $15,000 of its Relief Fund in Liberty Bonds, and for authority to make this announcement when the representative for the sale of Liberty Bonds addresses the general session.

DR. BURKHART MOVED that resolution be adopted to that effect. The motion was seconded and carried.

MAJOR LOGAN MOVED that this matter of investing Relief Fund in Liberty Loan Bonds be brought up before the House of Delegates for their approval. Motion seconded and carried.

DR. HINMAN MOVED that we authorize the employment of certified public accountants to audit the books and the reports of the Secretary and the Treasurer. The motion was carried.

The meeting then adjourned.

FIFTH SESSION.

The fifth session of the Board of Trustees was held in Conservatory, Hotel Astor, New York City, and was called to order by President at 9:30 A. M., Wednesday, Oct. 23, 1917.

Present: Drs. Logan, Burkhart, Hinman, White, Boardman, Barber, King, Williams, Hartzell, Ward and Grieves.

The minutes of the previous meeting were read and approved.

IT WAS MOVED that a committee of five be appointed to act in conjunction with a like committee from the Preparedness League, as provided in the Resolution passed by the House of Delegates in 1916. Motion seconded and carried.

The Committee appointed consists of Thomas P. Hinman, Atlanta, Georgia; L. L. Barber, Toledo, Ohio; William H. G. Logan, Chicago; Otto U. King, Huntington Indiana, and Harvey J. Burkhart, of Rochester, New York.

MOVED and seconded that a Committee be appointed consisting of Drs. Barber, Logan and Hartzell, to confer with a Committee from the Academy of Oral Prophylaxis and Periodontology, for the purpose of considering their relation to the National Association. Carried.

The bills as itemized in expenditure orders from number 248 to 21 of new series were read and allowed. The Secretary to draw warrants on Treasurer for these orders.

MOVED and seconded that the salary of the Treasurer be fixed at $200. Carried.

MOVED and seconded that Dr. Arthur R. Melendy, of Knoxville, Tenn., be nominated to the House of Delegates as the Treasurer. Carried.

MOVED and seconded that the Board of Trustees request a complete copy of all transactions of the joint sessions with the Research Commission members, trustees of the Research Institute, and trustees of the National Dental Association. Carried.

MOVED and seconded that hereafter the official stenographer of the National Dental Association shall take minutes of all joint sessions with the Research Commission, the trustees of the Research Institute, and the Trustees of the National Dental Association. Carried.

Nomination of standing committees: Judicial Council: C. R. Lawrence, Enid, Oklahoma; A. R. Cook, Syracuse, New York; A. L. Midgley, Providence, Rhode Island; Herman A. Maves, Minneapolis, Minnesota; and Charles M. Barnwell, Jr., Atlanta, Georgia.

Dental Education: F. T. Breene, Iowa City, Iowa. ('22).

Dental Legislation: L. L. Barber, Toledo, Ohio. ('22).

Transportation: D. C. Bacon, Chicago, Illinois; Burton L. Thorpe, St. Louis, Missouri; John J. Welker, Toledo, Ohio; Roscoe A. Day, Oakland, California; Joss D. Eby, Atlanta, Georgia.

Board of Trustees appointed the following members on the Research Commission, to serve for five years: Louis Meisburger, Buffalo, New York; Otto U. King, Huntington, Indiana; Truman W. Brophy, Chicago, Illinois; Homer C. Brown, Columbus, Ohio; Donald M. Gallie, Chicago, Illinois.

The G. V. Black Memorial Committee was continued.

MOVED and seconded that the Board of Trustees recommend to the House of Delegates that the National Dental Association contribute to the Black Memorial Fund $500. Carried.

MOVED and seconded that the National Relief Committee be continued. Carried.

MOVED and seconded that The Journal Committee be continued. Carried.

MOVED and seconded that the Law Committee be discontinued. Carried.

MOVED and seconded that our representatives on the Educational Council of America be continued. Carried.

MOVED and seconded that the Committee on Eastman and Forsyth Tablet be given six months to complete its work and submit its final report to the Board of Trustees. Carried.

MOVED and seonded that the incoming President be authorized to appoint the clinic and local arrangements committees. Carried.

MOVED and seconded that the Ways and Means . Committee be continued. Carried.

MOVED and seconded that the Secretary be instructed to cover the property of the National Dental Association with sufficient fire insurance and also sufficient liability insurance on the employes. Carried.

MOVED and seconded that Dr. Howard E. Haverstick be thanked for his suggestion of a new insignia, but that the Board of Trustees do not deem it advisable to adopt at this time a new one. Carried.

MOVED and seconded that a committee composed of Drs. Grieves, Williams and White be appointed to prepare suitable resolutions favorable to universal military training and present same to the House of Delegates for action. Carried.

REPORT OF THE EDITORS OF THE JOURNAL TO THE BOARD OF TRUSTEES.

The various activities of The Journal in the interest of the dental profession and of the public have been carried on, we believe, in a most satisfactory manner, both from the financial and educational side.

These activities have been so closely allied with the report of the General Secretary's office, that we here refer only to matters which pertain strictly to the business and publication of The Journal.

Following the action taken by the Board of Trustees and the House of Delegates at the 1916 session of the National Dental Association, namely, the passing of an amendment increasing the dues to $2.00, and the placing of The Journal upon a monthly basis, we began the inauguration of plans to carry into effect these instructions.

Increased Cost of Paper.

The Journal of the Association has been published the past year every month, and contained one hundred and twenty-eight pages each month, except February when ninety-six were run, and in the July number we published an extra run of thirty-two pages. We have published in the ten numbers of The Journal a total of 1,280 pages, including the advertising section—1,172 pages of reading matter. We will publish in the twelve volumes of The Journal for 1917 1,550 pages, including extra colored pages. We have also published twenty extra pages of four colored halftone work at a cost of $1,000.00.

The principal item of expense in the publication of The Journal is that of paper. The expense is equal to one-half the combined expense. We were unable to contract the paper for 1917, at any special price, but were able to contract for our tonnage, and did not have to pay any extra during the entire year on account of not having a contract as to price. We buy in car lots from the mill, and save one-half to three-fourths of a cent a pound, which is quite an item in a year.

We give the net extra cost of paper per issue for the ten numbers of this year, $435.15 January, $230.75 February, $385.25 March, $385.25 April, $311.50 May, $386.29 June, $385.25 July, $319.08 August, $305.04 September, $319.08 October, making a net cost over normal conditions for ten months of $3,470.64.

At the first of the year Enamel paper was hard to get on account of the high prices and car shortage. We were compelled to get magazine book paper. The same grade of enamel we were using would cost at the time 11½ to 12 cents, F. O. B. Mills, and our magazine paper cost us 8 cents, F. O. B. Huntington. We have contracted for the year 1918 for enamel paper at near the same price as 1917 magazine book, and The Journal will be published on it the coming year, at only a small added cost.

We have published 20,000 Journals each month the past year, all going to only Paid-up members. We will require 20,500 copies for the November Journal.

I wish to state that the Whitelock Press has not charged a cent extra for profit or handling the paper for 1917 over 1916, while they have had to invest $400 more per issue.

We have published two color inserts this year—at an added expense of $1000.00. This is the only expense we have been to that we know could be eliminated next year. However, our income from advertisers will be greatly increased for 1918.

In order to carry out the instructions of the House of Delegates and the Board of Trustees in placing The Journal on a monthly basis, it was necessary for us to have the Whitelock Press at Huntington, Indiana, to increase their equipment and facilities to take care of the monthly Journal. To do this satisfactorily to us, it was necessary for them to make an additional investment in equipment, in building an addition to their plant, and increasing their floor space, which involved an expenditure to this Company of $10,000.

The following report given by the Chairman of the Publicity Committee of the Dental Medical Board Council of National Defense, will give in detail The Journal's activity along the line of the part that dentistry is playing in the mobilization of dental forces and the war.

To the Dental Committee of the General Medical Board, Council of National Defense:

The Chairman of the Publicity Committee desires to make the following report:

1. In order to assist in securing enlistment in the Dental Reserve Corps, your Committee had printed and distributed, gratuitous to the Government, 50,000 blank "Applications for Appointment in Dental Reserve Corps, United States Army." These blanks were efficiently distributed thru the medium of The Journal of the National Dental Association, and also by mail. One blank was enclosed in each copy of the June and July numbers. We also supplied sufficient application blanks for each member on the Board of Preliminary Dental Examiners.

2. We have inaugurated in The Journal several new departments, one of which is the Department of DENTAL MOBILIZATION AND THE WAR. In this department in the June, July, August and September issues of The Journal we published the official reports of the Committee on Dentistry of the General Medical Board, Council of National Defense.

3. Other new departments that have been inaugurated in The Journal for the purpose of educating the dental profession along the line of what was expected of dental societies and individuals, in this great war crisis, are as follows:

ARMY AND NAVY, LEGISLATION AND ENROLLMENT, and WAR NOTES.

4. Besides these special departments we have published many extra pages, covering the various phases of the war thru the Preparedness League Department, the department of Items of Interest, as well as a large number of special editorials.

5. Thru the Preparedness League department of The Journal we have served as the official mouth piece for this great organization, which has done a commendable work in an educational and practical way for the cause of Dental War Mobilization. We have endeavored to keep the Organization in touch with all of its various units, stimulating interest and enthusiasm for the success of all its plans. Thus perfecting a great homogenious working organization.

6. Thru the department of Legislation and Enrollment, (copy for which has been furnished to us by Major Wm. H. G. Logan, Chairman of the Dental Committee), we have published in the June and July issues of The Journal The Examining Boards for Physical Examination for Dental Reserve Corps United States Army, and the Examining Board of the Dental Surgeons of the United States Army, also the Examining Boards for Preliminary Professional Examination of Applicants for the Dental Reserve Corps United States Army. In these same issues we also published the specific statement from the Committee on Legislation and Enrollment to members of the Preliminary examining Boards relative to the dental graduates of 1917, together with other important instructions to these dental examiners.

7. In the Army and Navy department of The Journal we are publishing such copy as will be of particular assistance in acquainting the profession to the various phases of the requirements of members in the regular and dental reserve corps in United States Army, and other miscellaneous matter pertaining to Dentistry and the War.

8. In WAR NOTES we have endeavored to magnify the war course as outlined by the Dental Committee—giving the curriculum of some of the Dental Institutions. In this department will also be found a large number of pages devoted to special Articles along Medical and Dental Lines, pertaining to the health and efficiency of the army, etc.

9. We have also run in the recent issues of The Journal a large number of special papers on War Surgery and reports of the work done by the Dental Corps in foreign Armies.

10. In the September issue of The Journal we are inaugurating a new department, viz., OUR WAR FORUM. In this department we are planning to give each member of our profession a true basis, or in other words the underlying fundamental principles as to why we are at war. By this sort of a publicity campaign we expect to enthusiastically line up every member of the Dental Profession to be a true, loyal patriot in this great crisis.

11. We believe that it is no more than right and just that these men who are sacrificing possibly their all for their profession and their country should receive due recognition, and therefore we published in the August issue of The Journal a Roll of Honor of Patriot Dentists. This Roll of Honor includes those men who have enlisted in the Dental Reserve Corps. We expect to revise and re-publish this Honor Roll from time to time as the official list is furnished to us by the Surgeon General's Office. We are receiving in almost every mail a large number of letters pertaining to this Honor Roll, which would lead us to believe that this plan of honoring our patriot dentists meets with the hearty approval of the Dental profession.

12. The office of the Secretary of the National Dental Association has gratuitously furnished to the Surgeons General's office, dental department, a completed card index of our entire membership. This list will be revised from time to time.

13. Since the appointment of the Publicity Committee your Chairman has published in The Journal of the National Dental Association 208 pages in these various departments pertaining to the particular work of this Dental Committee. The cost to the National Dental Association for the publication of these reports, information, application blanks, etc., has been approximately $3406.20.

14. Beginning in the October number of The Journal a new department will be inaugurated, viz., FACE AND JAW SURGERY. The aim of this department will be to publish from the pen of best known authors the latest and most scientific paper on war surgery as practiced in the battle field of Europe.

This Committee on Publicity expects to loyally cooperate with all plans promulgated by this Dental Committee of the Council of National Defense, as well as to support in every way possible the plans for not only the Mobilization of the Dental and Medical forces but to enthusiastically cooperate with all governmental plans that will help to drive tyranny and brutality from the face of the earth. We are confident that the Dental professional will nobly stand up and be counted in this great war crisis until the world is made safe for democracy.

Respectfully submitted by the Chairman of the Committee on Publicity.

Dated September 7, 1917.

Secretary's Report.

The Secretary's report to the Board of Trustees covers the financial problems that The Journal has had to meet this year in establishing it on a firm, financial basis. Therefore, we will not go into detail in this report. However, we are pleased to report that the circulation of The Journal has increased with the increase of membership and also with a large number of new subscriptions received from non-members and foreign dentists, making a total of 3,000 new subscribers during the year, so that our present

Journal circulation is very gratifying to the editors.

Advertisers.

We were at the beginning of the year a little anxious as to whether the advertisers would renew their contracts for a year, when our Journal had previously been published quarterly. We are pleased to report that the number of pages of advertising that we are now carrying in our Journal is very gratifying to us. The Journal is having a good, steady, normal growth, as witnessed by the fact that we have retained practically all of our advertisers that could pass the Board of Censorship, and for the November issue of The Journal we will carry twenty-four pages of advertising.

It may be of interest to those who are not acquainted with the facts to know that thousands of dollars worth of advertising,—advertising that is now appearing in nearly all of the other dental Journals, has been refused admission to our pages. The editors carefully scrutinize and reject such advertising as does not seem to conform to our high standard. This policy will be continued even tho it means a big reduction in our income from this source.

We have not given any agents discounts as other magazines are doing. Neither have we shown any favors to anyone. All of our advertising is bona fide with out any rebates or exchanging of advertising. We are anticipating from our 1917 advertising a greatly increased revenue for our Journal fund.

We are axious that the members of the National Dental Association shall be lenient in their criticism of our Journal, for in the carrying out of such a big undertaking as the financing and editorial work in connection with our Journal, we would have you remember that no child develops into maturer life in a day; that it takes time, patience, perseverence, efficiency and hard work to produce our ideals.

The Journal does not measure up to our ideals of what an independent dental Journal should be. The success of this year should serve as a fore taste of what we are planning to make of our Dental Journal in the future. Namely, as near as possible an ideal, ethical, dental Journal, one that shall measure up to the highest standards and become a great influence for the up-building of our profession from an educational and literary standpoint.

Respectfully submitted,
OTTO U. KING,
THOMAS P. HINMAN,
HARVEY J. BURKHART,
THOMAS B. HARTZELL.

Voted that The Journal Committee's report be received and made a part of the minutes.

MOVED and seconded that $3,000 from the regular fund be turned over to The Journal fund. Carried.

ON MOTION, the Board of Trustees then adjourned to meet at 9 A. M. in the Conservatory, Thursday.

SIXTH SESSION.

The Board of Trustees met at 9:30 A. M. Thursday, October 25, and was called to order by the President.

There were present Drs. King, Barber, Grieves, Williams, Hartzell, Boardman, White, Hinman, Burkhart and Logan.

Dr. Clarence O. Simpson, St. Louis, Missouri, presented for Dr. Howard R. Raper of Indianapolis, Indiana, the following Resolutions:

Resolved, that the 20,000 members of the National Dental Association agree that we wish to say ten words to the public and so adopt the following as our slogan:

Slogan of the National Dental Association:

YOU MUSTN'T LET YOUR TEETH ACHE.

Ask your Dentist WHY.

Be it further resolved, that we desire this slogan to be given all possible publicity. We suggest that it be used by dental societies, health boards, medical societies, individual dentists, as a motto on the walls of their offices, manufacturers of mouth toilet articles, or by anyone who may place it before the public eye. Be it further

Resolved, that we believe we must have the cooperation of the medical profession to reach the people with our message, and that we therefore instruct the Secretary to send copies of these Resolutions to all of the medical magazines, asking the editors to give the matter such prominence as they may judge it deserves. That copies also be

sent to the editors of our dental publications, with the same request, and that a committee be appointed by the President to promote the use and usefulness of the slogan "You Mustn't Let Your Teeth Ache,—Ask your dentist WHY."

DR. HINMAN MOVED that this matter be referred to a committee of three, to be appointed by the President of the Association, to consider and make recommendations.

Seconded by Dr. King and carried.

The President appointed on this committee Drs. Thomas B. Hartzell, Minneapolis, Minn., Chairman; Howard R. Raper, Indianapolis, Ind., and Charles H. Oakman, Detroit, Mich.

THE SECRETARY MOVED that in case Dr. Raper is unable to serve on this committee, Dr. Simpson, of St Louis, Missouri, be substituted. Seconded and carried.

The President called attention to the matter of a banquet to be given to Dr. Edward C. Kirk, of Philadelphia, Pa.

DR. WHITE MOVED that it is the understanding of the Board of Trustees of the National Dental Association that this matter is to be taken care of by another dental organization. Seconded and carried.

Dr. Casto, a member of the Committee on Amendments, stated that this Committee favored the addition of the following to Chapter IX, Section 9, of the By-Laws: "and all moneys received therefrom."

DR. HINMAN MOVED that this addition be concurred in. Seconded by Dr. Boardman and carried.

Dr. Casto brought up the question of departments.

DR. LOGAN MOVED that the Committee on Amendments be requested to submit to the Board of Trustees a scheme for eight departments, and that one of those departments shall be a research department. Seconded and carried.

Dr. Rich, Chairman of the Committee on Amendments, brought up the matter of State and component societies adding $1.00 to their annual dues, to be paid to the Research Institute of the National Dental Association.

DR. HINMAN MOVED the following as a standing resolution. It is recommended that State and constituent societies add $1.00 to their dues, for the support of the Research Institute, and that the funds so collected shall be directly remitted to the Research Institute, and that the Treasurer of the Research Institute report to the House of Delegates of the National Dental Association those State and constituent societies complying with this request. Seconded and carried.

DR. BURKHART MOVED that the Research Institute shall make a written annual report and financial statement to the National Dental Association. Seconded and carried. (To be added to Section 2, Chapter X, 18th line.)

Dr. Rich stated that the Committee on Amendments desired to add to Chapter IX, Section 1, after the words "financial affairs of the Association," the following: "and all moneys receivable by the Association shall be disbursed under the direct supervision of the Board of Trustees."

THE SECRETARY MOVED the adoption of this amendment. Seconded and carried.

Dr. Rich stated that the Committee on Amendments desired to amend Chapter X, Section 1, of the By-Laws, to read after the words "Board of Trustees" "three" for "two."

IT WAS MOVED that this amendment be adopted. Seconded and carried.

The following were recommended as additional standing committees: (e) Committee on Ways and Means; (f) Committee on Scientific Discoveries, Arts and Inventions.

DR. HINMAN MOVED that these additions to the By-Laws be adopted. Seconded and carried.

Dr. Rich stated that the Committee recommended in connection with this same section, the omission of the words "and place of session."

DR. BURKHART MOVED that this recommendation be concurred in. Seconded by Dr. Grieves, and carried.

Dr. Rich said that wherever the word "section" occurs, it should be changed to "department," and the Committee so recommends.

THE SECRETARY MOVED the adoption of the recommendation. Seconded and carried.

In place of the standing resolution which reads "that any unexpected balance remaining in the hands of the local committee of arrangements after the annual meeting, shall be turned over to the Secretary of the National Dental Association."

DR. HARTZELL MOVED to substitute the following: "The Board of Trustees shall have charge of all properties, financial and otherwise, of the Association." Seconded and carried.

DR. HINMAN MOVED that the Committee on Ways and Means investigate the question of a business manager for the Association, and report their recommendations to the next annual meeting. Seconded and carried.

The Secretary read the following from the minutes of the joint meeting of the Research Commission members, the officers and trustees of the National Dental Association, and the special research directors, held October 23, 1917.

The committee appointed by your President to outline the policy of the Research Institute of the National Dental Association for the coming year, beg leave to submit the following report:

1. The Committee recommends that the grants and existing contracts be continued for the fiscal year.

2. We further recommend that a trained pathologist and assistant be secured and placed in charge of the scientific work carried on in the Research Institute at Cleveland, who shall have the title of Research Director, Research Institute, National Dental Association. It is the belief of the Committee that said director should and can be secured within the next ninety days.

3. That the problems studied at the Research Institute shall be confined to pathological subjects, the exact nature of which shall be determined by the Research Director in conference with the Trustees of the Institute and the Trustees of the National Dental Association.

4. All work produced under the auspices of the Research Department shall be subject to review by The Journal Committee.

THOMAS P. HINMAN,
C. J. GRIEVES,
THOMAS B. HARTZELL,
Committee.

DR. BURKHART MOVED that the above report be made a part of the record of the Board of Trustees, and that it be presented to the House of Delegates. Seconded and carried.

ON MOTION, the Board of Trustees adjourned to meet in Rose Room at 12:30 P. M., Friday, October 26.

JOINT MEETING OF THE RESEARCH COMMISSION WITH THE BOARD OF TRUSTEES OF THE NATIONAL DENTAL ASSOCIATION AND TRUSTEES OF THE RESEARCH INSTITUTE.

The meeting was called to order at 3:30 P. M. by the President, L. L. Barber.

There were present King, Price, Grieves, Boardman, Allen, Hartzell, Hetrick, Lucas, Wheeler, Melendy, Brown,

Meisburger, Volland, Logan, Burkhart, and Hinman.

HINMAN NOMINATED Weston A. Price, Cleveland, Ohio, for Chairman of the Scientific Foundation and Research Commission; Harold D. Cross, Boston, Mass., for Vice-President, and C. V. Conzett, Dubuque, Ia., for Secretary.

IT WAS MOVED and seconded that these nominations be concurred in. Carried.

HINMAN MOVED that Otto U. King and Louis Meisburger be made members of the Research Commission. Seconded and carried.

WESTON A. PRICE brought up the matter of grants and asked whether the Research Commission should continue a grant to William G. Gies, of Columbia University. He stated that Gies had been receiving $500.00 a year as a grant for research work, altho the Research Commission had not received a report from him for years. However, he desired to say that this year Gies had presented a contribution to research which was of infinite value to dentistry.

GRIEVES MOVED that the grant to Gies be continued. Seconded and carried.

PRICE PRESENTED a communication from the Canadian Oral Prophylactic Association relative to the joint publication of research reports and pointed out how such an arrangement could not be made satisfactorily.

HINMAN MOVED that the joint meeting express its appreciation of the offer of the Canadian Oral Prophylactic Association, but that at this time the Research Commission was not in a position to offer such facilities. Seconded and carried.

PRICE CALLED attention to the importance of provision being made at once for the appointment of a committee by the incoming President of the National Dental Association to act in conjunction with a committee of the Research Institute to carry on the responsibilities delegated to the joint body by the Board of Trustees of the National Dental Association which controlled the activities of the Research Institute.

BOARDMAN MOVED that such a committee be appointed. Seconded and carried.

As there was no further business to be considered, on motion, which was duly seconded and carried, the joint meeting adjourned.

SEVENTH SESSION.

The Board of Trustees met in Rose Room at 4 P. M. and was called to order by President Barber.

Present: Hinman, Boardman, Grieves, Burkhart, Hartzell, Logan, Melendy and King.

A. C. Rich, Chairman of the Committee on Amendments, presented a supplementary report of this committee for the purpose of making any changes or additions which the Board of Trustees had to suggest before the presentation of the report to the House of Delegates.

The Board of Trustees concurred in the recommendations of the Committee on Amendments, and told Dr. Rich he might state that fact in presenting his report to the House of Delegates.

HARTZELL MOVED that the following standing resolution be permitted to remain:

Standing Resolution.

That any unexpended balance remaining in the hands of the local Committee of Arrangements after the annual meeting, shall be turned over to the Secretary of the National Dental Association. Motion seconded and carried.

RICH DIRECTED attention to the importance of the Board of Trustees readjusting the officers to correspond with the various departments to be created.

As there was no objection to this, it was so ordered.

ON MOTION, the Board of Trustees adjourned to meet immediately after the General Session on Friday, October 26.

EIGHTH SESSION.

The Board of Trustees met in East Ball Room at 12:30 A. M. and was called to order by the President, William H. G. Logan.

There were present Barber, King, Boardman, Williams, Ward, Burkhart, Grieves, Hartzell, Vignes, and White.

THE SECRETARY stated that the matters of business to come before the Board of Trustees were the appointment of the Ad Interim Committee, the Local Committee of Arrangements, the Clinic Committee, the time of holding the next annual meeting, etc.

VIGNES MOVED that John P. Buckley of Chicago, be made a member of the Ad Interim Committee. Motion seconded by Grieves and carried.

IT WAS MOVED and seconded that Burkhart and Hartzell be made members of the Ad Interim Committee. Carried.

The other members of the Ad Interim Committee are the President and Secretary.

BURKHART MOVED that the President appoint the Local Committee of Arrangements, the Clinic Committee and all of the officers required by the creation of the Departments and such special committees as are authorized by the House of Delegates. Seconded and carried.

THE SECRETARY MOVED that the time of holding the next annual meeting be left to the Ad Interim Committee and the local committee. Seconded by Grieves and carried.

THE SECRETARY MOVED that the names of all essayists and clinicians must first be submitted to the President for his approval before they are placed on the official program of the National Dental Association. Motion seconded by Grieves and carried.

BURKHART MOVED that the Treasurer of the National Dental Association be bonded in the sum of $10,000.00 with some assurity company which meets with the approval of the President and Secretary, and that the expense incurred by the same be borne by the Association. Seconded and carried.

BURKHART MOVED that $5,000.00 be invested in Liberty Bonds in the Surgeon-General's office; that $5,000.00 be placed with the Huntington (Indiana) bank; that $4,000.00 be placed with the Holston National Bank, of Knoxville, Tennessee, and that $3,000.00 be placed thru the Toledo Bank. Motion seconded and carried.

THE SECRETARY brought up the matter of payment of bills incurred for conducting the New York meeting.

BURKHART MOVED that all unpaid bills for this meeting be presented to Barber and King for approval. Seconded and carried.

After some discussion with reference to whether an itemized statement of accounts should appear in The Journal of the National Dental Association, Burkhart moved that only a general statement of receipts and disbursements be published in The Journal.* Seconded and carried.

*NOTE: Any member desiring specific information regarding bills and vouchers may get it by applying at the Secretary's office.

The minutes of the previous and this meeting were read and approved.

As there was no further business to come before the meeting,

ON MOTION OF BURKHART, the Board of Trustees then adjourned sine die.

OTTO U. KING, General Secretary.

MINUTES OF THE RESEARCH COMMISSION MEETING.

THE PRESIDENT, Wm. H. G. Logan, called a special meeting of the Research Commission members, Board of Trustees of the National Dental Association, in the East Ball Room, Hotel Astor, October 26th, at 1 P. M.

Those present were Price, Hartzell, Logan, King, Vignes, Grieves, and Burkhart.

UPON MOTION made and seconded, action relative to the employment of a Research Director for the Research Institute was deferred until further information is attained.

The meeting adjourned.

SECTION PROCEEDINGS.

SECTION I.

Operative Dentistry, Nomenclature, Literature, Dental Education and Allied Subjects.

OFFICERS.

Edgar D. Coolidge, Chairman, 25 E. Washington St., Chicago, Ill.
DeLos L. Hill, Vice-Chairman, 612-14 Grant Bldg., Atlanta, Ga.
J. F. Biddle, Secretary, 517 Arch St., N. S., Pittsburgh, Pa.

TUESDAY—First Session.

The first session of Section 1 was called to order Tuesday, October 23rd at 1:30 P. M., in Grand Ball Room, Hotel Astor, by the Chairman, Edgar D. Coolidge.

All officers were present.

W. L. FICKES, Pittsburgh, Pa., read a paper entitled: "The Porcelain Inlay; Its Strength and Durability." The paper was discussed by A. L. LeGro, Detroit, Mich.; C. K. Buell, Buffalo, N. Y., and W. A. Capon, Philadelphia, Pa. The discussion was closed by Dr. Fickes.

J. M. WALLS, St. Paul, Minn., read a paper entitled "Present Day Tendencies in Operative Dentistry." This paper was discussed by A. H. Hipple, Omaha, Nebr.; A. R. Starr, New York City; J. J. Travis, Ann Arbor, Mich; James M. Prime, of Omaha, Nebr.; P. B. Wright, Milwaukee, Wis.; J. Melville Thompson, Detroit, Mich.; Fred E. Hart, San Francisco, Cal., and J. Alden Mills, New York City. The discussion was closed by Dr. Walls.

The election of officers of the Section for the ensuing year resulted as follows:

Chairman, De Los L. Hill, Atlanta, Ga.

Vice Chairman, J. F. Biddle, Pittsburgh, Pa.

Secretary, Fred E. Hart, San Francisco, Cal.

The first session then adjourned until Wednesday, October 24th, 1:30 P. M.

WEDNESDAY—Second Session.

The second session was called to order Wednesday, October 24th, at 1:30 P. M., in the East Ball Room, by the Chairman, Dr. Coolidge.

FRED E. HART, San Francisco, Cal., read a paper entitled: "Some Neglected Operative Perquisites." This paper was discussed by J. D. Towner, Memphis, Tenn.; F. W. Gethro, Chicago, Ill.; C. O. Simpson, St. Louis, Mo.; James M. Prime, Omaha, Nebr. The discussion was closed by Dr. Hart.

C. C. VOGT, A. B. A. M., Ph. D., Mellon Institute of Industrial Research, Pittsburgh, Pa. This paper was discussed by Frank O. Hetrick, Ottawa, Kansas; C. E. Jones, Chicago, Ill.; W. Clyde Davis, Lincoln, Nebraska; Wilson Zerfing, Philadelphia, and W. V. B. Ames, Chicago, Ill. The discussion was closed by Dr. Vogt.

Adjournment.

SECTION II.

Oral Surgery, Anatomy, Physiology, Histology, Pathology, Etiology Prophylaxis, Oral Hygiene, Materia Medica and Allied Subjects.

OFFICERS.

F. B. Moorhead, Chairman, People's Gas Bldg., Chicago, Ill.
Mark E. Vance, Vice-Chairman, 407-9 Ganter Bldg., Lincoln, Neb.
Virgil Loeb, Secretary, Humboldt Bldg., St. Louis, Mo.

WEDNESDAY—First Session.

The first session of Section II was called to order Wednesday, October 24th, 9 A. M., in North Ball Room, by the Chairman, Frederick B. Moorhead.

In the absence of Virgil Loeb, Secretary, M. E. Vance, Vice-Chairman, was elected Secretary Pro Tem.

BENJAMIN H. SCHLOMOVITZ, Chicago, Ill., was absent and his paper was read by Edgar D. Coolidge, Chicago, Ill. The title of his paper was "The Action of Emetin on the White Blood Cells." As it was a preliminary report it was not open for discussion.

ELMER S. BEST, Minneapolis, Minn., read a paper entitled "Is Overfilling Root Canals a Safe Procedure?" The paper was accompanied by numerous slides, and was discussed by Fred W. Gethro, Chicago, Ill.

The following officers were elected:

Chairman, M. E. Vance, Lincoln, Neb.

Vice-Chairman, Virgil Loeb, St. Louis, Missouri.

Secretary, M. L. Rhein, New York City.

J. A. West, Des Moines, Iowa, was elected a delegate to the House of Delegates, and Elmer E. Best, Minneapolis, Minn., was elected alternate delegate.

Adjournment.

SECTION III.

Prosthodontia, Orthodontia, Metallurgy, Chemistry and Allied Subjects.

OFFICERS.

L. E. Custer, Chairman, Dayton, Ohio.
C. W. Mills, Vice-Chairman, Chillicothe, Ohio.
B. L. Shobe, Secretary, Tulsa, Okla. (Deceased.)

TUESDAY—First Session.

The first session of Section III was held in the North Ball Room of the Hotel Astor, New York City, Oct. 23, 1917.

The meeting was called to order by the chairman, L. E. Custer, Dayton, O., at 2:30 P. M.

DR. CUSTER announced with great regret the death of B. L. Shobe, Secretary of this Section. Sidney J. Knowles, Chicago, was appointed as secretary for this session.

J. E. HINKINS, Chicago, Ill., read a paper entitled: "The Chemical Action of Soil Bacteria on Calcium Phosphates with the Chemical Analysis of the Human Teeth."

J. LEON WILLIAMS, and Archie McAlpin, Bradford, Pa., asked some questions. Dr. Hinkins closed the discussion.

DAYTON DUNBAR CAMPBELL, Kansas City, Mo., read a paper entitled: "Why Measurements of the Mandible,

Tracings of the Condyles, the Construction of Hypothetical Triangles, and the use of the Face Bow are all non-essential in the Construction of Dentures possessing the Highest Degree of Efficiency."

This paper was discussed by George W. Clapp, New York City, Martin Dewey, Chicago, Ill., Harry J. Horner, Pittsburgh, Pa.; George H. Wilson, Cleveland, Ohio, Rupert Hall, Chicago, Ill.; M. M. House, Indianapolis, Ind., and George W. Dittmar, Chicago, Ill. Dr. Campbell closed the discussion.

JAMES SONNETT GREENE, M. D., New York City, Director of the New York Clinic for Speech Defects, read a paper entitled: "The Dentist and the Clinic for Speech Defects."

MILO HELLMAN, New York City, showed some slides to illustrate Dr. Greene's paper.

The election of officers resulted as follows: F. M. Casto, Chairman, Cleveland, Ohio.

E. A. Honey, Vice-Chairman, Kalamazoo, Mich.

J. H. Wallace, Secretary, Omaha, Nebr.

John F. Stephan was elected a member of the House of Delegates.

Adjournment.

WEDNESDAY—Second Session.

The Section was called to order by the Chairman, L. E. Custer, October 24, at 9:30 A. M., in North Ball Room.

GEORGE T. FETTE, Cincinnati, Ohio, read a paper entitled "Ionization With Special Reference to Ionic Chemistry."

The paper was discussed by M. L. Rhein, New York; Samuel E. Pond, (B. H., A. M.), of the Research Institute, Cleveland; L. E. Custer. Dr. Fette closed the discussion.

FREDERICK H. NIES, Brooklyn, N. Y., read a paper entitled "A New Continuous Gum Set," which was discussed by Drs. John F. Stephan, Cleveland, Ohio, and L. E. Custer. The discussion was closed by Dr. Nies.

CALVIN S. CASE, Chicago, Ill., read a paper entitled "Open Bite Malocclusion," which was discussed by Drs. F. C. Kemple, New York City; R. Ottolengui, New York City; F. M. Casto, Cleveland; Hart J. Goslee, Chicago, Ill.; F .T. Van Woert, Brooklyn, N. Y.. and discussion closed by the author of the paper.

Adjournment.

STATE SOCIETY OFFICERS' SECTION.

OFFICERS.

John C. Forsyth, Chairman, 430 E. State St., Trenton, N. J.
H. E. King, Vice-Chairman, Bee Bldg., Omaha, Nebraska.
C. R. Lawrence, Secretary, Enid, Oklahoma.

WEDNESDAY—First Session.

The first session was called to order Wednesday, October 24th, at 9 A. M. in College Hall, by the Chairman, John C. Forsyth.

J. P. LUTHRINGER, Peoria, Illinois, read a paper on "Organization," which was discussed by A. H. Reynolds, Philadelphia, Pa.; Henry Fowler, Harrison, N. J.; G. A. Crise, Manhattan, Kansas; P. B. Wright, Milwaukee, Wis.; Wm. H. Gelston, Camden, N. J.; C. R. Lawrence, Enid, Okla.; Charles McManus, Hartford, Conn.; Hudson S. Hollenbach, Mt. Carmel, Pa.; Frank T. Taylor, Boston, Mass., and C. M. Kennedy, Des Moines, Iowa..

A. H. REYNOLDS, Philadelphia, Pa.,

read a paper on "State Legislation From a Dental Standpoint."

WILLIAM H. GELSTON, Camden, N. J., read a paper on "A General Manager for a Dental Convention as Adopted by the New Jersey State Dental Society."

S. P. CAMERON, Philadelphia, Pa., followed with a paper entitled "The Relation Component Societies Should Bear to State and National Organizations."

These papers were discussed by J. P. Luthringer, T. P. Hinman, Hudson S. Hollenbach, Mt. Carmel, Pa.; Henry Fowler, Harrison, N. J.; P. B. Wright, Milwaukee, Wis.; C. R. Lawrence, Enid, Okla.; William H. Gelston, Camden, N. J.; C. M. Kennedy, Des Moines, Iowa; Homer C. Brown, Columbus, O.; G. A. Crise, Manhattan, Kansas; Frank T. Taylor, Boston, Mass.; Joseph H. Jansen, Cincinnati, O.; S. P. Cameron, Philadelphia, Pa.; Charles E. Jones, Chicago, Ill.; F. M. Casto, Cleveland, O.; C. S. Van Horn, Blumsburg, Pa., and John E. Forsyth, Trenton, N. J.

The following were elected officers of the Section:

Chairman, C. R. Lawrence, Enid, Okla.

Vice-Chairman, William H. Gelston, Camden, N. J.

Secretary, C. M. Kennedy, Des Moines, Iowa.

Dr. John C. Forsyth, Trenton, N. J., was elected delegate to the House of Delegates.

Adjournment.

ORAL AND DENTAL HYGIENE.

OFFICERS.

Charles H. Oakman, Chairman, 1241 David Whitney Bldg., Detroit, Mich.

J. D. Patterson, Kansas City, Mo.

L. G. Mitchell, Oklahoma City, Okla.

H. F. Hoffman, Denver, Colo.

B. S. Hert, Rochester, N. Y.

WEDNESDAY—First Session.

The first meeting of the Oral and Dental Hygiene Section was held in the Auditorium of the Metropolitan Life Insurance Building, Madison Avenue and 23rd Street, New York City.

The meeting was called to order by the chairman, Charles H. Oakman, Detroit, Mich., at 10:30 A. M.

LIEUT L. G. MITCHELL, Oklahoma City, Okla., read a paper entitled: "Patriotic Aspect of Oral Hygiene."

It was discussed by B. S. Hert, Rochester, N. Y., and John F. Stephan, Cleveland, Ohio.

George F. Burke, Detroit, Mich., was not present, but sent in his discussion, which was read by title, and ordered published in the printed transactions.

L. G. Mitchell closed the discussion.

Charles H. Oakman, Detroit, Mich., gave a Lantern Slide Lecture showing the results of Neglected Oral Hygiene.

THOMAS A. STOREY, Director of the Department of Hygiene of the College of the City of New York, was to have made an address, but was unable to be present. In his stead, Dr. Canute Hansen read a paper entitled: "Instruction in Oral Hygiene at the College of the City of New York."

Adjournment.

WEDNESDAY—Second Session.

The second session convened in the Auditorium of the Metropolitan Life Insurance Building on October 24th, 1917, at 2 o'clock.

Charles H. Oakman, Chairman of the Section, presided.

ALBERT H. STEVENSON, New York City, stated that this meeting was in the form of a symposium on "Industrial Dentistry."

ARTHUR WILLIAMS, president of the American Museum of Safety, New York City, gave an address on "Industry and the Health of the Employee."

WESTON A. PRICE, Cleveland, Ohio, gave an address; subject, "The Effect of Dental Infection upon the Efficiency of the Worker" (illustrated by motion pictures).

DR. STEVENSON read a paper, entitled: "The Dental Clinic in the Factory," by Mr. Wm. R. DeField, of Montgomery, Ward & Co., Chicago, Ill.

Dr. Oakman being compelled to leave, Dr. Stevenson then took charge of the meeting and acted as chairman.

T. P. HYATT spoke on "The Economic Value of the Industrial Clinic."

W. A. BRIERLY, Chief Dental Surgeon, Colorado Fuel and Iron Co., Denver, Col., spoke of "Dental Service in the Mining Camps."

In the general discussion which followed, the following participated:

A. H. Stevenson, Mr. ————, of the Goodrich Rubber Co., G. T. Epling, of the Pocahontas Fuel Co., Mayberry, W. Va.; Mr. Ash, the General Electric Co., Pittsfield, Mass.; T. P. Hyatt; Mr. Appleton; F. B. Lynott, Spokane, Wash.; C. S. Kramer, of the Modern Woodman Sanitarium of America, Woodman, Col.; Mrs. D. P. Beyea, of the Colgate Manufacturing Co.

The meeting then adjourned.

THURSDAY—Third Session.

The third session convened in the Rose Room of the Hotel Astor, New York City, on October 25th, 1917.

Dr. Oakman, Chairman of the Section, occupied the chair, and called the meeting to order at 10 o'clock.

A. H. STEVENSON, New York City, read a paper entitled: "Oral Hygiene in Public School Curriculum."

ALFRED C. FONES, Bridgeport, Conn., gave a presentation with motion pictures on the subject of prophylaxis, the same being divided into three parts, as follows:

(1) "Dental Prophylaxis."
(2) "The Dental Hygienist."
(3) "Mouth Hygiene for United States Soldiers."

Dr. Fones' paper was discussed by F. R. Henshaw, Indianapolis, Ind.

M. L. Rhein, New York City, made an address on "Film Instruction for Personal Mouth Hygiene, accompanied by School Drill," illustrated with motion pictures.

H. C. McKITTRICK, Indianapolis, Ind., paper entitled: "Dental Publicity" was read by title. The slides illustrating the same were also shown.

In the discussion following these papers, the following gentlemen participated:

A. H. Stevenson, M. L. Rhein, I. H. Goldberger, assistant director of Physical Training of the Board of Education, New York City; Dr. Chandler, West Collingwood, N. J.

Adjournment.

ANESTHETISTS SECTION.

OFFICERS.

Kurt H. Thoma, Chairman, Boston, Mass.
S. L. Silverman, Vice-Chairman, Atlanta, Ga.
Chalmers J. Lyons, Secretary, Ann Arbor, Mich.

WEDNESDAY—First Session.

The first session was called to order Wednesday, October 24th, at 1:30 P. M. in Grand Ball Room, by the Chairman, Kurt H. Thoma, who delivered an address.

GEORGE B. ROTH, Washington, D. C., read a paper entitled "The Relative Toxicity of Cocain and Novocain," which was discussed by J. E. Nyman, Chicago, Ill. The discussion closed by Dr. Roth.

THEO. BLUM, New York City, read a paper entitled "The Teaching of Conductive Anesthesia," which was discussed by Robert H. Ivy, Milwaukee, Wis.; Smith; S. L. Silverman, Atlanta, Ga.; Richard H. Riethmuller, Montclair, N. J. The discussion was closed by Dr. Blum.

RICHARD H. RIETHMULLER, Montclair, N. J., read a paper entitled "Cause of Failure and Untoward Sequellae in Conductive Anesthesia." (No discussion.)

ON MOTION, the Section adjourned until 9 A. M., October 25.

THURSDAY—Second Session.

The second session was called to order Thursday, October 25th, at 9 A. M. in East Ball Room by the Chairman, Kurt H. Thoma.

A. E. HERTZLER, Kansas City, Missouri, read a paper entitled, "After Pain in Local and General Anesthesia," which was discussed by Leo Stern, New York City; Don M. Graham, Detroit, Mich; Wm. J. Lederer, New York City; Haneha, Miner. The discussion was closed by Dr. Hertzler.

The following officers were elected:

Chairman, Arthur E. Smith, Chicago, Ill.

Vice-Chairman, C. H. Howland, Washington, D. C.

Secretary, Chalmers J. Lyons, Ann Arbor, Mich.

Delegate to the House of Delegates: Kurt H. Thoma, Boston, Mass.

Adjournment.

CROWN AND BRIDGEWORK SECTION.

OFFICERS.

K. G. Knoche, Chairman, 25 E. Washington St., Chicago, Illinois.
Alden J. Bush, Vice-Chairman, 209 E. State St., Columbus, Ohio.
Forrest H. Orton, Secretary, 921 Lowey Bldg., St. Paul, Minnesota.

TUESDAY—First Session.

The first session of the Crown and Bridge Work Section was called to order on Tuesday, October 23rd, at 1:30 P. M. in Rose Room, Hotel Astor.

Dr. Bush occupied the Chair during the delivery of the Chairman's address.

K. G. KNOCHE read a paper entitled "An Effort to Fix the Standard of Crown and Bridge Work on Scientific Principles Consistent with Proper Requirements."

ALDEN J. BUSH, Columbus, Ohio, read a paper entitled "Consideration Re-

garding Principles and Practice of Fixed Bridge Work."

The following officers were elected for the ensuing year:

Chairman, Forrest H. Orton, St. Paul, Minnesota.

Vice-Chairman, Alden J. Bush, Columbus, Ohio.

Secretary, K. G. Knoche, Chicago, Illinois.

ON MOTION, the Section adjourned until 9 A. M., Wednesday.

WEDNESDAY—Second Session.

The second session was called to order by the Chairman at 9:30 A. M. in the East Ball Room.

FREDERICK A. PEESO, New York, read a paper entitled "Principles and Practice of Removable Bridge Work."

FERRY R. GETZ, New York, followed with a paper entitled "A Simple System of Attachment of Supports for Removable Bridge Work and Its Application to Both Vital and Pulpless Teeth."

This paper was discussed by F. E. Roach, Chicago, Ill.; William D. Tracy, New York City; Norman B. Nesbett, Boston, Mass., after which the discussion was closed by the essayist.

LOUIS J. WEMSTEIN, New York, read a paper entitled "Metallurgical and Physical Research as Applied to Crown and Bridge Work." This paper was illustrated with numerous slides.

HENRY W. GILLETTE, New York City, offered the following resolution, which was unanimously adopted:

RESOLVED, That the Secretary of the Crown and Bridge Section be instructed to send to Dr. Forrest H. Orton a letter expressing the sincere sympathy of the members of the Section for him in his present serious illness and their earnest hope that he will very shortly be restored to normal health.

Adjournment.

ASSOCIATION OF MILITARY DENTAL SURGEONS OF THE UNITED STATES.

OFFICERS.

John D. Millikin, President, 323 Geary St., San Francisco, Cal.
Charles Long, Vice President, Rock Island, Ill.
Samuel Hussey, Secretary, 2649 Russell St., Berkeley, Cal.
Ralph W. Waddell, Treasurer, 347 5th, New York City, N. Y.
Robert P. Updyke, Council Member, 1183 Avoca Ave., Pasadena, Cal.

The first session of this Association was held Tuesday, October 23rd, 1917, at 8:00 P. M. in College Hall of the Astor Hotel, there being present about 300 members from the Regular Army and Navy and Reserve Corps.

The meeting was called to order by the President, John D. Millikin, of San Francisco, California, who spoke of the Association, why it was formed, the work it had accomplished and expected to accomplish.

THE PRESIDENT then introduced Lieut. Speakman, D. R. C., of Wellington, Delaware, who had spent two years in France with the American Ambulance on active duty, most of the time in a Dental Motor Ambulance which he took over with him. Lieut. Speakman also spoke of the wonderful surgical work that was being done on the soldiers with extensive injuries of the fact and jaws; also the conditions which dental surgeons had to contend with.

THE PRESIDENT then introduced Lieut. Herbert Wheeler, D. R. C., of New

York, who had acted as one of the examiners for the Reserve Corps. Lieut. Wheeler spoke of the work around New York and what Dentists were doing in the Training Camps.

MAJOR W. H. G. LOGAN, M. R. C., in charge of the dental affairs in the Surgeon General's office, Washington, D. C., was then introduced and spoke of the number of dentists now in the various Training Camps, what they were doing and what they were expected to do. Major Logan then asked Lieut, Burns, D. R. C., of Camp Upton, to tell what was being done in his Camp. Lieut. Burns spoke of the dental officers not only doing dental work, but those who were not as yet supplied with their dental outfits were vaccinating soldiers and still other inoculating soldiers for typhoid, paratyphoid.

Major Logan then explained the difference of duties of dental surgeons, oral surgeons and surgeons attached to the plastic and head surgical department.

THE PRESIDENT introduced Dr. Homer C. Brown, Chairman of the Legislative Committee of the National Dental Association, as a man whom every dental surgeon in the army should feel indebted to. Dr. Brown spoke of the work of the passing of the Bill giving great credit to Dr. Emory Bryant of the United States Navy Dental Corps stationed in Washington, D. C. Dr. Brown said that he hoped no dental officer of the army would do anything that would bring discredit upon the dental corps upon which so much honor had been recently conferred by giving them equal rights with the medical officers of the army.

CAPT. J. R. BERNHEIM, D. C., who is assisting Major Logan in the Surgeon General's office, spoke of the work to be done by dental officers on active duty, and the care they should take in their conduct as officers, so as not to bring discredit on the dental profession.

CAPT. TIGNOR, D. C., who has charge of purchasing and the shipping of all dental supplies, spoke of the difficulties he had met with in obtaining supplies from the manufacturers. He outlined the method that was necessary to adopt in order to make the supplies and instruments go as far as possible. He gave certain instructions to those in attendance in making out their requisitions for supplies.

EMORY BRYANT, U. S. N., of Washington, D. C., who was so active in assisting in the passage of the Army Dental Bill, spoke of conditions in the Navy and the necessity of the Dental profession supporting the Bill giving the Dental surgeons of the Navy the same rank as their brother officers in the army.

DR. ————, also of the Navy, spoke of conditions existing on board ship under which dental officers had to work. He also spoke of the hearty cooperation the Navy dental surgeons received from the medical officers and the cordial relations existing between dental officers and all other officers of the Navy.

DR. SPEAKMAN was to show some pictures of the conditions under which he worked in France, but owing to the lateness of the hour and that many young officers present had to return to their Camp, these pictures were not shown. The meeting adjourned to meet the following day at 10:30 A. M.

SECOND SESSION.

The meeting was called to order by President John D. Millikin, Secretary Samuel Hussey not being present Ralph W. Waddell was appointed Acting Secretary.

The minutes of the last annual meeting were read and adopted.

The President, Secretary, and Treasurer's reports were read and adopted,

and ordered published in The Journal of Association of Military Dental Surgeons.

The following changes were made in the constitutions: To make the Navy dental surgeons eligible to membership, making the office of Secretary and Treasurer one, and providing for two members of the Executive Council instead of one.

The following honorary members were elected: Surgeon General Gorgas, U. S. A.; Homer C. Brown, of Ohio; William H. G. Logan, of Illinois; Lafayette L. Barber, of Ohio; Emory Bryant, of Washington, D. C.; Otto U. King, of Indiana.

One thousand and eighty new members were elected.

The following officers were elected:

Capt. Tignor, D. C., President, 543 Greenwich St., N. Y. City.

Capt. Geo. Casaday, D. C., Vice President, 2815 Broderick.

Dr. Ralph W. Waddell, Secretary-Treasurer, 347 5th St., New York City.

John D. Millikin, 323 Geary St., San Francisco, Cal., and E. P. R. Ryan, 452 5th Ave., New York City, Executive Council members.

John D. Millikin, Editor of Journal.

William C. Fisher, Associate Editor and Business Manager.

Adjourned to meet in Chicago, 1918.

The Executive Council of the Association of Military Dental Surgeons gave a dinner to the new honorary members at which time a beautiful watch was given to Homer C. Brown by the Association, with the following engraved inscription thereon: Presented to Homer C. Brown, Chairman Legislative Committee, National Dental Association by the Association of Military Dental Surgeons of the United States in appreciation of his untiring efforts to place Dentistry on an equal plane with medicine in the public service culminating in success, October 6th, 1917.

Those present were Dr. Lafayette Barber, Homer C. Brown, William H. G. Logan, Otto U. King, Emory Bryant, John D. Millikin, Ralph W. Waddell, Capt, Tignor, William C. Fisher, E. P. R. Ryan, and Capt. Gunckle.

PROPHYLAXIS AND PERIODONTOLOGY PROGRAM.

The American Academy of Oral Prophylaxis and Periodontology.

OFFICERS.

John Oppie McCall, President, 437 Franklin St., Buffalo, N. Y.

M. H. Garvin, First Vice-President, 314 Somerset Bldg., Winnipeg, Canada.

R. R. Johnston, Second Vice-President, Westinghouse Bldg., Pittsburg, Pa.

J. Herbert Hood, Sec'y-Treas., 1101 Guardian Bldg., Cleveland, O.

WEDNESDAY.

The American Academy of Oral Prophylaxis and Periodontology was called to order Wednesday, October 24th, at 9 A. M., in Grand Ball Room, Hotel Astor, by the Chairman, Dr. John O. McCall, Buffalo, N. Y.

HUGH W. MAC MILLAN, Cincinnati, Ohio, read a paper entitled "A Consideration of the Physiology of the Mouth Tissues in Treating Diseases of the Same," which was illustrated by lantern slides.

This paper was discussed by Arthur H. Merritt, New York City; Gillette Hayden, Columbus, Ohio; H. E. Friesell, Pittsburgh, Pa., and discussion closed by the essayist.

ARTHUR H. MERRITT, of New York City, read a paper entitled "The Rational Treatment of Pyorrhea," which was discussed by James, Bunting, Zentler, and discussion closed by the essayist.

FRANK C. PAGUE, San Francisco, California, read a paper entitled "Dental Periclasia, Vital Points in Treatment, with Lantern Slides Showing Regeneration of Bone."

Discussed by Arthur H. Merritt, New York City; Paul R. Stillman, Clyde U. Gearhart, Washington, D. C., and discussion closed by the essayist.

Adjournment.

PREPAREDNESS LEAGUE OF AMERICAN DENTISTS.

OFFICERS.

J. W. Beach, Chairman.....131 Allen St., Buffalo, N. Y.
H. A. Pullen, Vice-Chairman.....131 Allen St., Buffalo, N. Y.
M. B. Eshleman, Secretary-Treasurer.....170 Hodge Ave., Buffalo, N. Y.

MINUTES OF SECOND ANNUAL MEETING.

The second annual meeting of the Preparedness League of American Dentists, held at the Hotel Astor, New York, in conjunction with the National Dental Association, October. 22-26, was most successful from every standpoint. The program was varied, interesting and instructive, the first session of which was opened by a short address entitled "The League," by J. W. Beach, chairman, followed by Mr. Leon Dabo, of New York, member of the French Legion of Honor, who had just returned from the scenes of the world's greatest conflict, having been sent there to investigate and report on the moral and physical condition of the armies with a view of establishing for our own boys the most favorable influences and surroundings obtainable.

His impassioned recital of the appalling scenes witnessed, the absolute proof of the atrocities committed, many of which could only be hinted at in the presence of a mixed gathering, so affected his audience with the unspeakable horror of it all that for several moments after he had ceased speaking everyone seemed stunned as if by a terrific blow delivered from that unseen mailed hand itself.

The makers of our homes, whom every real man must cherish, love and respect, have, within the lines of the enemy, been but hapless objects of the vilest, most insanely bestial acts ever perpetrated by animated beings masquerading in the garb of men. Tender years, decrepit age; budding womanhood or hallowed motherhood meant naught to them. Fiends incarnate from the cesspool of hell have been unchained to belch forth their noisome blasts of iniquity and drag their fetid, clammy shapes over God's verdant footstool to irreparably blight the choicest flowers His infinite mind has fashioned.

Thirty-five thousand young girls who soon are to become mothers; hundreds also, many of whom are mere children, being eaten alive by a most loathsome disease transmitted by these miserable beasts. These innocents doomed to a living hell, the only compensation for which is its short duration, were seen with finger nails falling off, noses sloughing away, pates devoid of hair, together with many other signs of these arch-devils' high jinks.

Little better, too, are those hapless young men who no longer are men, due

to the insatiable fiendishness of a nation that but a few short years ago could claim a high state of civilization and advancement in the arts and sciences not surpassed, if, indeed, reached by any other people. Such is the story of the most rapid retrogression of any nation in the history of the world. The upward climb has but accelerated the downward pitch and every means of construction has been multiplied to produce diabolic destruction.

Much more was said, still more inferred, until it seemed as tho no mortal mind could further comprehend. And yet, a sense of pity springs up from some far-off point that men can fall so low; but by their own hands they must suffer, even to the third and fourth generations.

The message Mr. Dabo left more deeply impressed all who heard him with the necessity of immediate support and action, the immeasurable gravity of the crisis and the responsibility that is upon the American people.

Burton Lee Thorpe, of St. Louis, known to our profession as one of its most forceful writers and orators, gave a stirring address, on "Our Profession's Patriotism," which not only was enjoyable, but most fitting at this time. We will not anticipate the many pertinent facts and characteristic sayings with which he regaled his audience, as his address will appear in a later issue of The Journal.

Charles F. Ash, President of the First District Dental Society, member of the sub-committee on Preparedness League of American Dentists of the Committee on Dentistry and Director of Departments for the great drive to make dentally fit the men drafted into our new national army, spoke of the work of the League, and particularly of its financial problems. He told of the plans followed in the Metropolitan District and impressed the fact that our members who pay the meager fee of $1.00 to join the League need not fear that the money will lie idle while our great work is going on, or that a faithful accounting will not be made.

S. Marshall Weaver, of Cleveland, chairman of the Committee on Ambulances, next held the closest interest of the audience in describing and showing many slides of a most completely worked out plan for Motor Dental Ambulances to be sent to France. We will just say, however, that this activity of the League is of the greatest importance, and our profession will be made proud of the great benefits that will come to our soldiers thru these agencies for the relief of suffering. This movement is to be prosecuted with all the vigor and strength our committee can throw into it. Address published in January issue of The Journal.

W. C. Speakman, of Wilmington, who took the first dental ambulance to France, showed several slides of it and gave much valuable information of practical character. He is a member of the committee and is rendering valuable assistance. He tendered his ambulance to the League, which was gratefully received and will be No. 1 of a fleet of fifty to be sent over.

Major G. K. Thomson, Assistant Director of Dental Services, Military District No. 6, Halifax, N. S., gave a paper on "Dental and Facial Surgery in the Army," which was replete with practical information for us who have yet to win our laurels in this great department of service to our country. Address on page 161.

Dr. J. D. Millikin, San Francisco, outlined the work being done in the Western Division along military lines and urged the necessity of giving, giving, giving towards the "Ambulance fund," that this much needed branch of our work may be efficiency sent forth.

Lieutenant W. A. Heckard, of New York, representing the Surgeon-General's

office in the great drive to make dentally fit the drafted men to enter the new National Army, gave an excellent address on the work now going forward. We were much pleased to have our members know him, as his is the most familiar name before our profession in this connection, at this time. Address on page 168.

Captain Fred Mallory, of the Canadian Dental Corps, who has seen two and one-half years' service with the British army, answered a great many questions of practical interest to us and gave much important information in our present emergency. Trench mouth was explained and the remedy given. Address on page 164.

Dr. De Lan Kinney, of New York, chairman of sub-committee on dental service, war service committee, Medical Women's National Association, told "What Women Dentists are Doing in the Present Crisis," and explained the relations of the League to the organization which she represents. She is organizing a Women Dentists' Auxiliary of the League and already has many pledges of time given for work for recruits and this new phase of our work bids fair to play an important role among our various activities. The League is deeply sensible of the fact that our women dentists cannot become members of the Dental Reserve Corps, and that they are as anxious, and in many instances more willing to do their "bit" than some of their sterner confreres, therefore, it is with much satisfaction that we are able to furnish them an opportunity to utilize their valuable service in this great work. Address will be published in a later issue of The Journal.

Dr. Kinney also has arranged for the Dental Hygienists to work for the soldiers, and it is gratifying to state that they have shown a most creditable willingness to assist in their peculiar field. We are watching these developments with keenest interest.

Herbert A. Pullen, our vice-chairman, gave a comprehensive address on "The Value of the Educational Work as Being Executed by the Preparedness League of American Dentists." He thoroly covered the field of the study course, and we hope to publish his paper at an early date, as the information contained will be of much assistance to newly formed sectional units.

W. D. Tracy, of New York, member of the sub-committee on Preparedness League of American Dentists of the Committee on Dentistry, gave a very interesting paper on "State Organization Work of the League." As Director of Dental Activities for the Northeastern Military Division, Dr. Tracy was able to give those present much necessary information relative to ways of organizing for better service, and he made it plain that no great work can be carried to a successful issue without thoro organization of its integral units; therefore, if we can hope for the best results, we must give first consideration to this fundamental principle. The paper will be printed as soon as possible because of its practical significance.

Reports of sectional units formed the concluding part of our program and was enlivened by Doctors E. G. Link and S. Roy Bryant, of Rochester, N. Y.; Lindstrum, Massachusetts; Barrett, Metropolitan unit; Haurahan, of New Jersey; Westwood, Sioux City; Siebolt, of Kansas City; West of Chicago, Grubb, Nebraska; Pettee, Brattleboro, Vermont.

We must not fail to mention our Liberty Loan booth at the Preparedness Exhibit. During the meeting, which was the last week of the loan campaign, $30,500 was pledged, $10,000 of which was the subscription of Mrs. Thompson, thru Dr. C. F. Ash, to the League Ambulance

Fund. It was a splendid thought of Dr. Ash and puts this sum to patriotic use during the time required to get the ambulance standardized and manufactured. We are proud of the record of our booth, which is further evidence of the broad policy of the League to embrace every creditable activity beneficial to our great cause which may rightfully come within its scope.

REPORTS OF SECTION UNITS.

DR. CROSBY, of New Haven. In Connecticut we have done a little in the way of preparedness. I will submit a tentative report to the chairman, but I cannot give you a full report, as the records are by no means complete. There were 2919 operations performed, of which 1714 were fillings. Considerable work was done in Dr. Fones's school in Bridgeport, in preparing the so-called M. I. L. K. Battalion of the 102nd regiment United States Infantry while stationed there to guard the Remington Arms Co. We have organized Connecticut into counties with sub-Chairmen for all the large centers. We are trying to do our bit. I think by the time the next draft comes along we shall be able to do a very substantial bit.

DR. ROY BRYANT, Rochester, N. Y.: I do not know whether or not our unit has a number, as it was a little bit late in forming. We have had two or three meetings which have been very profitable. Captain Smith, of the Medical Reserve Corps, gave us a lecture on the Sepsis, Antisepsis and Asepsis of War Surgery. I think that we, as Americans, are beginning to wake up to the fact that there is a lot of work to be done. We have started an infirmary for the recruits. In all, 357 treatments have been given. Sixty men are giving their time for the afternoons. The work is recorded on the S. S. White dental examination cards. Dr. Lasalle goes from 12:30 to 1:30 to give out the work and keep track of what has been done and so the records are kept up to date.

What the League Has Done.

1. United the Dental Profession for a Definite Purpose.

2. An important factor in making a New Profession.

3. Helped organize the Dental Profession for war service.

4. Provided a medium thru which the Surgeon-General's office could utilize the services of the dentists of the United States.

5. League members have gratuitously cared for the teeth of more than 50,000 recruits and conscripts, a large percentage of whom were rejected because of dental defects.

6. The League, thru the efforts of two of its officers, Dr. C. F. Ash and Lieutenant Heckard, inaugurated the great drive, now sweeping over the United States, to make all accepted drafted men dentally fit to battle for our country.

7. The work of the League, therefore, has done much to improve and sustain the health of our fighting forces, thereby preventing untold suffering and assuring immeasurable comfort to our soldiers.

8. The League has given every member a chance to do his "bit," thus engendering greater patriotism and a desire to do more for our great cause.

9. More than one hundred sectional units have been formed thruout the country as neucli for organized work and the study of war oral and dental surgery.

10. Formulated an amplified study course, with special reference to present needs, and hundreds of lectures and clinics have been given.

11. Has been a means of creating and supplying the desire for knowledge and improvement among thousands of members of our profession thruout the land.

12. Originated the idea and plants (Cleveland Unit, Ohio Division, Sept., 1916) for providing Motor Dental Ambulances for use in the war zone.

13. Our committee has standardized style and equipment for ambulances, and manufacture is about to begin.

14. Dr. C. F. Ash has received for the League, a subscription of $10,000; the Western Dental College and Kansas City members are raising $10,000. California and other states are raising funds, also, for dental ambulances.

15. The League proved a most important factor in helping to fill the Dental Section of the Officers' Reserve Corps, several hundred applications passing directly thru our National Headquarters.

16. The League has stimulated fraternal spirit, one object of which is to provide for the care of the practices of its members who have entered their country's service.

17. Concerted action thru our organized endeavors has done much toward creating sentiment for favorable legislation. This influence has been recently demonstrated.

18. The League has been instrumental in bringing out hundreds of young men hitherto comparatively unknown.

19. The Liberty Loan Campaign has received material assistance from the League thru the work of the local units.

20. Buffalo unit supplied $1,200 equipment for Base Hospital No. 23.

21. In short, the League has for twenty-one months, been preparing our profession in every way to render our best service during the period of the war.

ANNUAL MEETING HELD THURSDAY, OCTOBER, 25TH, 1917.

Hotel Astor, New York City.

Present: Doctors F. M. Casto, Chas. F. Ash, W. D. Tracy, Lt. W. A. Heckard, S. Marshall Weaver, M. F. Finley, (?) Morrow, Ed. G. Link, S. Roy Bryant, (?) Mork, Geo. N. West, J. D. Millikin, Carl D. Lucas. J. Wright Beach, M. B. Eshleman.

Officers elected: Chairman, J. Wright Beach; Vice Chairman, H. A. Pullen; Secretary-Treasurer, M. Burton Eshleman.

The Secretary-Treasurer's report was read and by motion duly seconded, received and filed.

REPORT OF THE SECRETARY-TREASURER.

Preparedness League of American Dentists, Buffalo, N. Y., Oct. 20th, 1917.

Receipts.

Membership to date	$5681.00	
Donations	130.00	
Buttons	130.58	
Bank Interest	36.15	
		$5,977.73

Disbursements.

Printing, $594.39; addressing and express, $15.01	$ 609.40	
Postage, $482.44; Rubber Stamps, Files, etc., $14.49	496.93	
Telegraph and Telephone, ac.	53.77	
Traveling expenses	694.10	
Hotel bills and Ad. Interim Com. N. D. A.	45.50	
Lectures, films and expressage on same	44.08	
Clerk hire, $280.00; special stenographers, $44.10	324.10	
Unit expenses, N. Y. City, Detroit, Iowa, etc.	328.89	
Checks returned, Isufficient funds	5.00	
Applications refused	3.00	
One thousand buttons	160.00	$2,764.77
Balance in bank		$3,212.96

M. BURTON ESHLEMAN,
Secretary-Treasurer.

IT WAS MOVED by Dr. Morrow, seconded by Dr. Casto, that inasmuch as this is now a permanent organization, the offices of Chairman and Vice-Chairman be changed to President and Vice-President. Carried.

MOVED by Dr. Tracy, seconded by Dr. Finley, that the President appoint a Finance Committee of two, who shall inaugurate methods of raising funds and o. k. all bills presented for payment against the League, and that this resolution be added to our by-laws. Carried.

IT WAS MOVED, seconded and carried that the President immediately start a campaign to increase the membership.

DR. CASTO MOVED, seconded by Dr. Finley, that the Ambulance Committee comprising Drs. Weaver, Chairman; H. J. Burkhart, Ass't; Ziegler and Rinehart, have full power to handle and dispose of all questions relating to Dental Ambulances for the U. S. Government.

ON MOTION of Dr. Weaver, seconded by Dr. Ash, the Treasurer shall keep a separate and independent account to be known as the "Ambulance Fund," of all moneys collected and disbursed for this purpose. Carried.

IT WAS MOVED by Dr. Ash, seconded by Dr. Weaver, that all orders for ambulances must come to the Treasurer accompanied by certified check for entire amount of $4,000.00 each, and such orders must be placed by him thru the chairman, Dr. Weaver, in the order of receipt of such funds. Carried.

There being no further business, the meeting, on motion, duly carried, adjourned.

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of the

National Dental Association

at the

Twenty-Second Annual Meeting

Chicago, Illinois

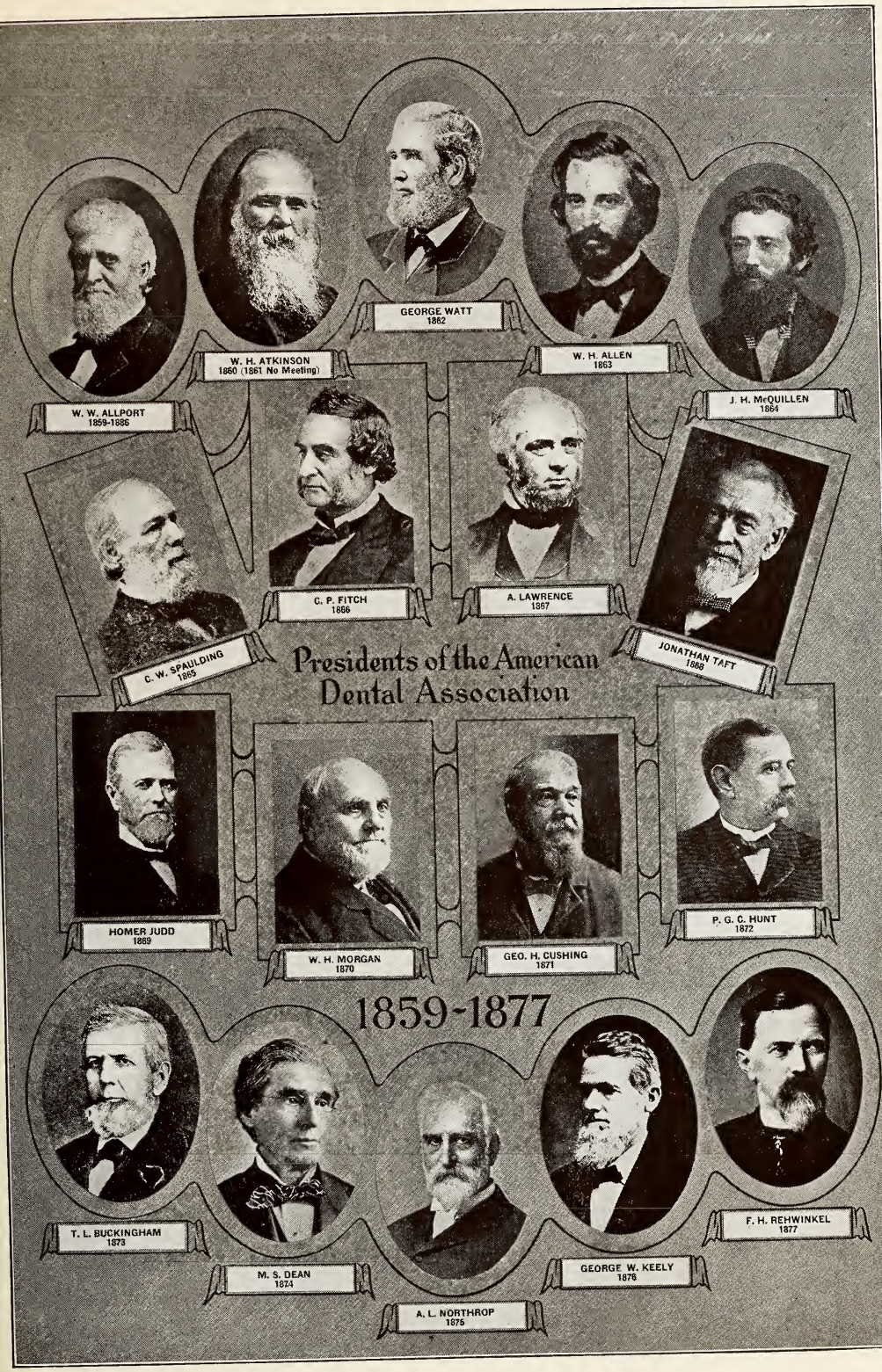
August 5-9, 1918

Official List

--of--

Dentists in the Army and Navy

Edited by
Otto U. King, D. D. S.
Secretary of the National Dental Association.


W. W. ALLPORT
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W. H. ATKINSON
1860 (1861 No Meeting)
GEORGE WATT
1862
W. H. ALLEN
1863
J. H. McQUILLEN
1864
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1865
C. P. FITCH
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A. LAWRENCE
1867
JONATHAN TAFT
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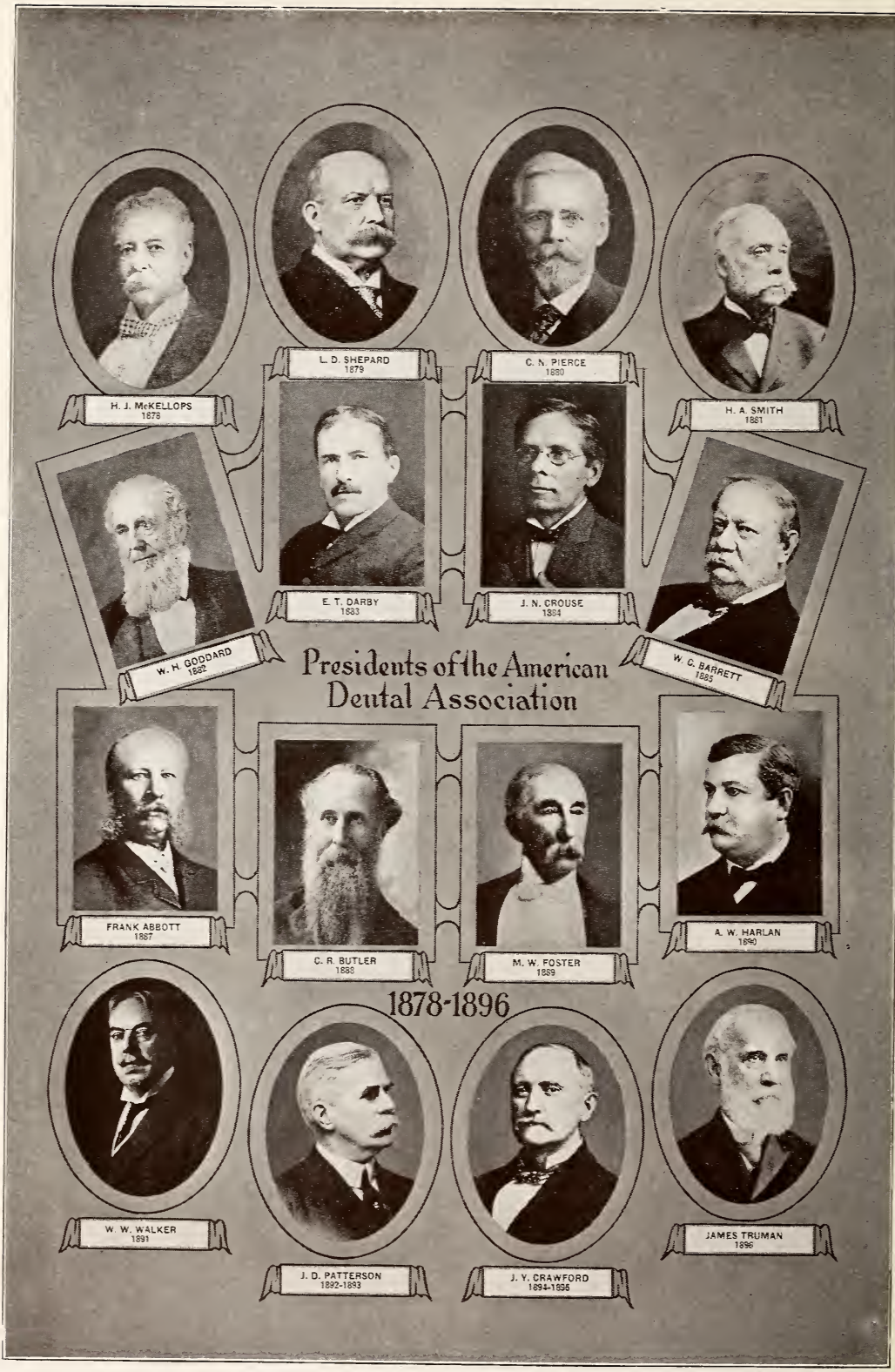
1859-1877
T. L. BUCKINGHAM
1873
M. S. DEAN
1874
A. L. NORTHROP
1875
GEORGE W. KEELY
1876
F. H. REHWINKEL
1877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1878
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C. N. PIERCE
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H. A. SMITH
1881
W. H. GODDARD
1882
E. T. DARBY
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J. N. CROUSE
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1887
C. R. BUTLER
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M. W. FOSTER
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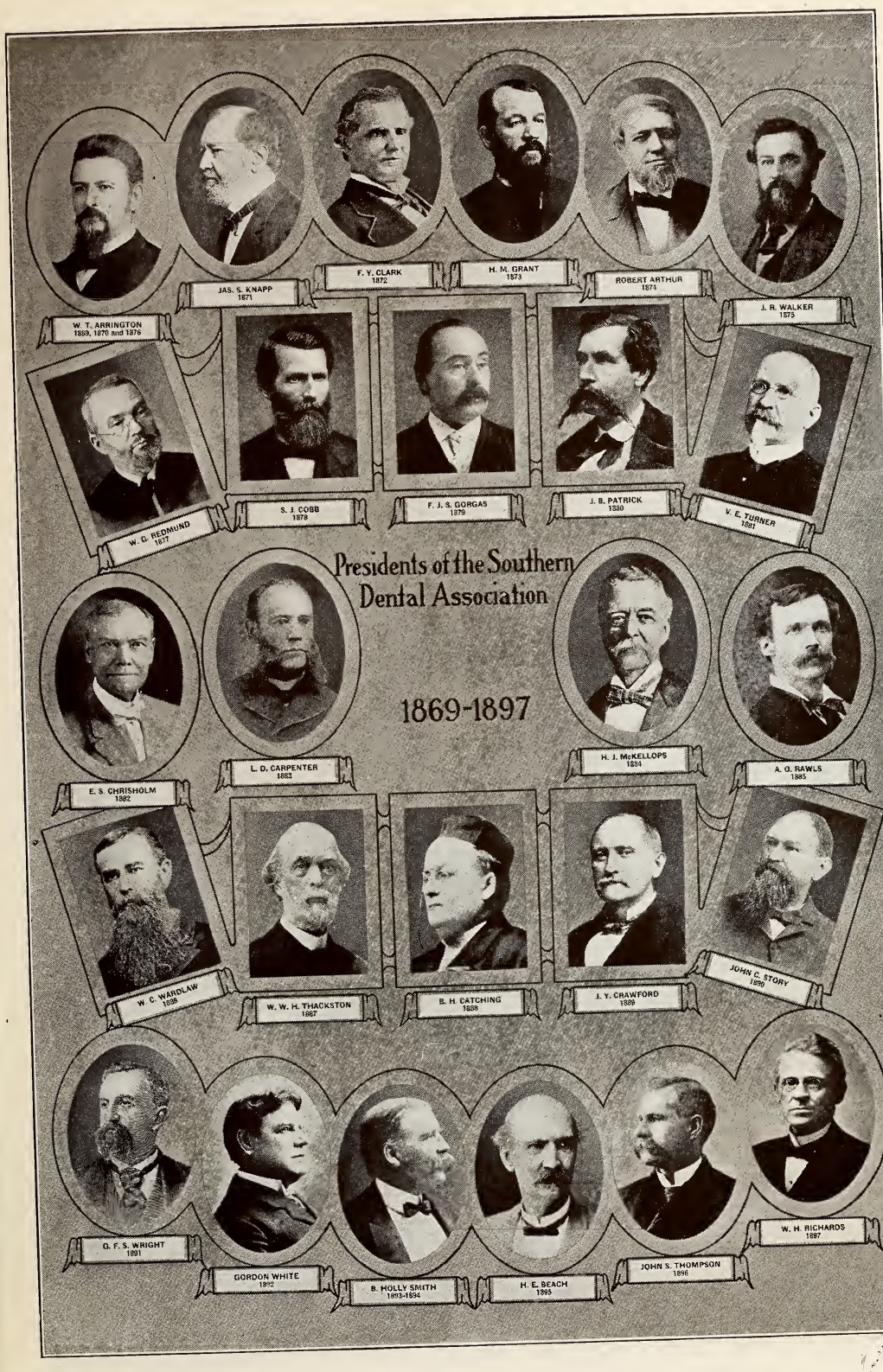
A. W. HARLAN
1890
1878-1896
W. W. WALKER
1891
J. D. PATTERSON
1892-1893
J. Y. CRAWFORD
1894-1895
JAMES TRUMAN
1896

UNIV. OF MICH.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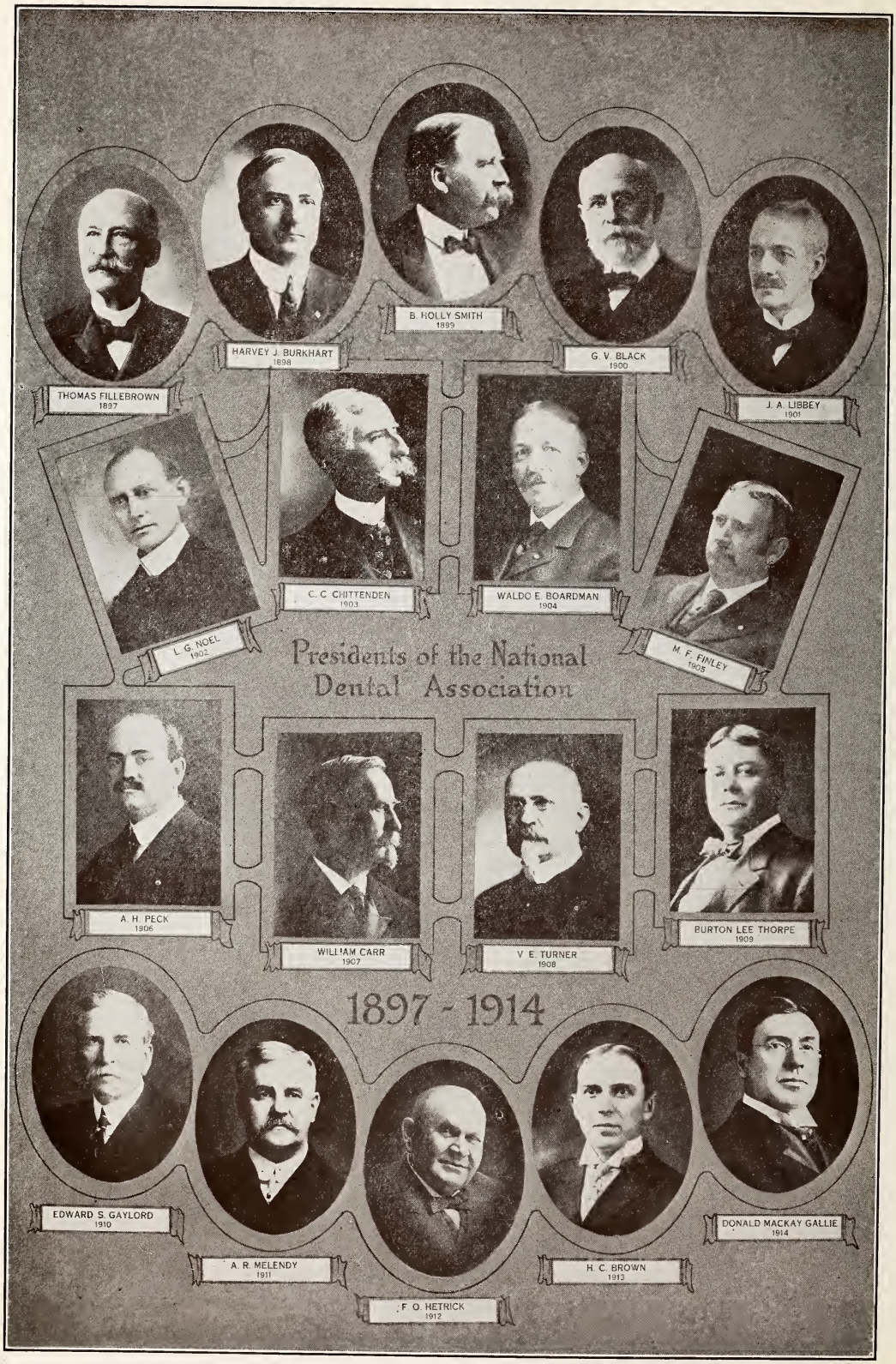
1869-1897
W. T. ARRINGTON 1869, 1870 and 1876
JAS. S. KNAPP 1871
F. Y. CLARK 1872
H. M. GRANT 1873
ROBERT ARTHUR 1874
J. R. WALKER 1875
W. G. REDMOND 1877
S. J. COBB 1878
F. J. S. GORGAS 1879
J. B. PATRICK 1880
V. E. TURNER 1881
E. S. CHRISHOLM 1882
L. D. CARPENTER 1883
H. J. McKELLOPS 1884
A. G. RAWLS 1885
W. C. WARDLAW 1886
W. W. H. THACKSTON 1887
B. H. CATCHING 1888
J. Y. CRAWFORD 1889
JOHN C. STORY 1890
G. F. S. WRIGHT 1891
GORDON WHITE 1892
B. HOLLY SMITH 1893-1894
H. E. BEACH 1895
JOHN S. THOMPSON 1896
W. H. RICHARDS 1897


THOMAS FILLEBROWN
1897
HARVEY J. BURKHART
1898
B. HOLLY SMITH
1899
G. V. BLACK
1900
J. A. LIBBEY
1901
L. G. NOEL
1902
C. C. CHITTENDEN
1903
WALDO E. BOARDMAN
1904
M. F. FINLEY
1905
Presidents of the National Dental Association
A. H. PECK
1906
WILLIAM CARR
1907
V. E. TURNER
1908
BURTON LEE THORPE
1909
1897 - 1914
EDWARD S. GAYLORD
1910
A. R. MELENDY
1911
F. O. HETRICK
1912
H. C. BROWN
1913
DONALD MACKAY GALLIE
1914

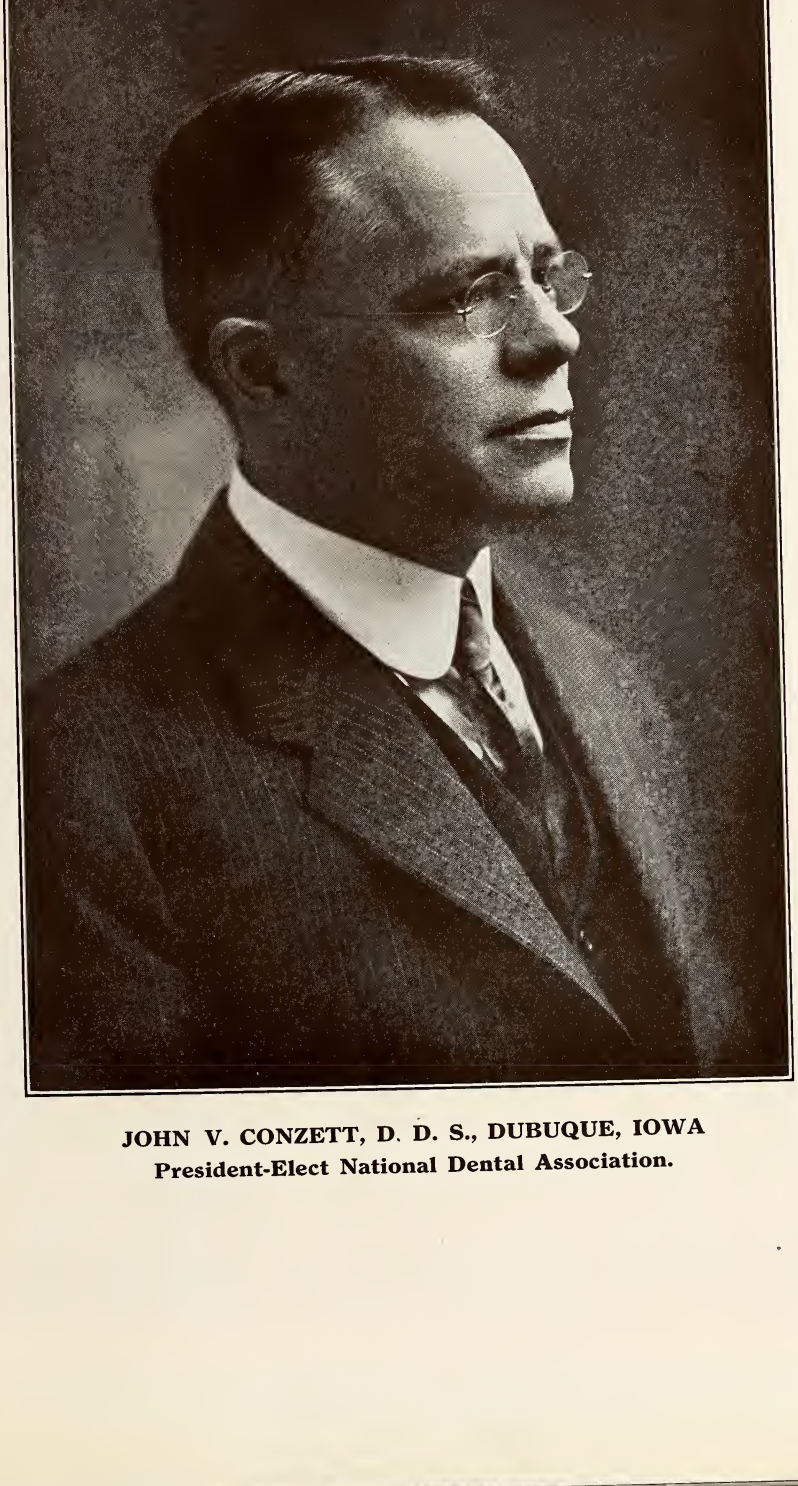
THOMAS P. HINMAN
1915-1916

LAFAYETTE L. BARBER
1916-1917

Presidents of the National Dental Association 1915-1918

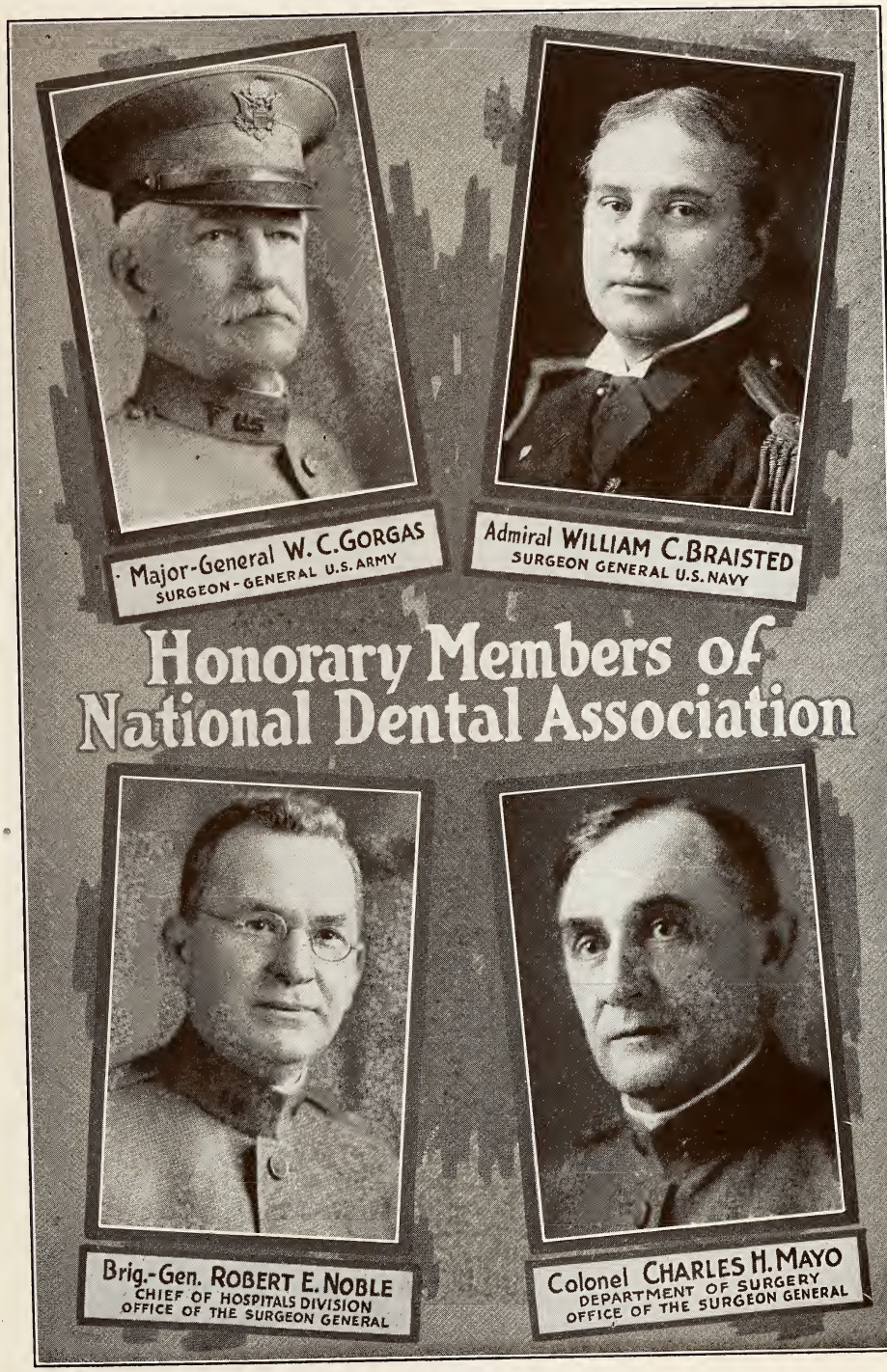
WILLIAM H. G. LOGAN
1917-1918

MAJOR C. VICTOR VIGNES, D. C., U. S. A., NEW ORLEANS, LA.
President National Dental Association.



JOHN V. CONZETT, D. D. S., DUBUQUE, IOWA
President-Elect National Dental Association.

OTTO U. KING, D. D. S., CHICAGO, ILLINOIS
Secretary N. D. A. and Editor of The Journal.


Major-General W. C. GORGAS
SURGEON-GENERAL U.S. ARMY
Admiral WILLIAM C. BRAISTED
SURGEON GENERAL U.S. NAVY
Honorary Members of National Dental Association
Brig.-Gen. ROBERT E. NOBLE
CHIEF OF HOSPITALS DIVISION
OFFICE OF THE SURGEON GENERAL
Colonel CHARLES H. MAYO
DEPARTMENT OF SURGERY
OFFICE OF THE SURGEON GENERAL

PRESIDENT'S ANNUAL ADDRESS.

DEVELOPMENT OF THE DENTAL SERVICE DURING THE PRESENT WAR.

By Wm. H. G. Logan, Colonel, Medical Corps, U. S. A.

(Delivered before the National Dental Association at Its Twenty-second Annual Session, Chicago, Ill., August 5-9, 1918.)

BEFORE recording the status of the Dental Service in the American Military Force at the time our Commander-in-Chief, President Woodrow Wilson, declared before the joint session of Congress of the United States of America, on April 6, 1917, that a state of war now exists between this Nation and the German Imperial Government, I desire to convey my appreciation of the honor conferred and compliment granted in having had the opportunity to serve the National Dental Association as its President, during this historic year, and for this trust and responsibility I very humbly but most sincerely extend you my thanks.

On April 8, 1917, or two days after the state of war was declared to exist, the Chairman of the Medical Committee of the Advisory Committee of the Council of National Defense called the first meeting of the General Medical Board at Washington, D. C., and created the following committees:

Committee on State Activities and Examinations.

Committee on Legislation.

Committee on Hygiene and Sanitation.

Committee on Research.

Committee on Dentistry.

Committee on Medical Schools.

Committee on Publicity.

Committee on Hospitals.

The names of the members of the General Medical Board and the Sub-Committees on Dentistry appointed are herewith presented and marked "Exhibit A." For the creation of the Dental Committee of the General Medical Board of the Council of National Defense, I desire here and now to convey officially the National Dental Association's appreciation of the very courteous act thereby extended by the Chairman of the General Medical Board for granting this recognition for Dentistry.

Permission Granted Dental Students of Conscription Age to Complete Their Professional Education Previous to Being Called for Military Service.

On July 18, 1917, the deans of the Dental Schools were called to Washington to confer with the dental committee of the General Medical Board to discuss the enrollment of students in the Enlisted Reserve Corps of the Medical Department, and permit them to be assigned to the inactive status until the date of their graduation. It was then considered imperative, and is now so held by the

writer, that young men of conscription age, should be permitted to enroll in the Enlisted Reserve Corps of the Medical Department, under the proper limitations, for the purpose of completing their dental education, before being called for general military service. At this conference, a sub-committee was appointed, with power to act, and altho an educational propaganda was officially carried forward by them, all of those in close touch with the subject had reached the conclusion that they had been unable to convince those in authority of the justness of their claim.

During the summer and early autumn, many dental students were called by the local boards and sent to the various camps, until October 6, 1917, when, without the knowledge of any dean or the committee representing the National Dental Faculties Association, or the Legislative Committee of the National Dental Association, an amendment was attached in the Senate to the dental bill enacted on that date, which specified that "all regulations concerning the enlistment of medical students in the Enlisted Reserve Corps and their continuance in their college courses while subject to call to active service, shall apply similarly to dental students." I am of the opinion that if the dental profession, thru its committee, representing the Dental Faculties Association, had been successful in their efforts to secure for dental students the privilege given medical students to remain in their course of instruction until graduation, without legislation, that regulation would have been rescinded during the past few months. The reason for this is found in the apparent lack for the need of additional dentists to supply the present military force. But after a careful review of the number of dentists required for the present Army, and those who will be called to the colors before this war is carried to a successful issue, and added to this those demanded to administer to the civilian population, it can be positively proved there will not be sufficient dentists in the United States in three to five years from this date, to care for those requiring their services, in spite of the opportunity granted by our present law to permit dental students to complete their course of instruction before being called for military service.

In concluding this phase of my subject, the opinion is expressed if Congress had not granted the opportunity for dental students to enlist in the Medical Enlisted Reserve Corps and be placed on the inactive list until graduation, a serious reduction in the number of dentists required would have been one of the end results, and another would have been that the majority of dental institutions of this country would undoubtedly have closed their doors for instruction during the 1918-19 session, or soon thereafter, for they would only have the matriculants who were physically defective or not of conscription age, which would not warrant, in most cases, the continuation of our Dental Institutions during the present war. Furthermore, should hostilities be continued as long as the best informed believe, there would not be a sufficient number of dental officers who were physically fit to care for the needs of the Army should the quota permitted by law be increased in the ratio we have reason to expect the demand will require during the next eighteen months.

Should Legislation be Sought at This Time to Increase the Quota of Dental Officers Now Permitted by Law for Assignment in the Regular Army?

In discussing the question of the probability of an increase in the quota of dentists for the Army, there are many among you who have radically differed

with me as to the propriety of seeking of Congress during the past year a law calling for at least one Dental Officer for each five hundred men, instead of one per thousand as now allowed for the Regular Army; while others contended a law should be secured to assign three to each thousand, I therefore desire to reply to such variance of opinion and criticism as follows: Since there are but few who have given serious thought to the military needs of the hour, who do not consider wisely the advisability of making definite plans for an Army of at least ten million, therefore to those of you who are insistent that Legislation be secured requiring the assignment of two or three dental officers per thousand, I ask, from what course will you procure the twenty or thirty thousand dentists for the Army of ten million, should it be required? My answer is, there is not the maximum number of dentists practicing in the United States between twenty-one and fifty-five years of age, who are physically qualified for general military service.

Furthermore, what evidence have you to present as to the average dental requirements of a division, and what data can you supply as to the number of dental operations there will remain uncompleted after a division has been in camp for a period of six months, for men accepted for general military service who have twelve serviceable natural teeth, all of which must be so opposed as to serve the purpose of incision and mastication? If any among you can supply this information, I am sure the Surgeon General's office would be pleased to receive it, for the reason the Dental Division of that Department has from the inception of this War, been increasing the efficiency of its dental records, with the idea in mind that they should be able to know the number of men in each division who need dental treatment and the amount required for each individual, also the number of cases completed each month, and the character and total dental operations to be required, before every man in the division shall be made dentally fit, with the end result that when a division or any unit proceeds to overseas service, we shall know exactly what has been, as well as what has not been accomplished.

With such evidence before us, I believe any warranted increase in the quota required in the assignment of dental officers in the Army can be secured, providing we can present documentary evidence the work has been carried forward under proper conditions, and that the type of dentistry accomplished has been efficient. The question might naurally arise, Why has this not been accomplished before, since we have had many divisions in our camps six months? My answer is that favorable conditions did not exist which made for rapid effective dental service of the type that should be used for the basis of such an argument, until all the permanent cantonments of this country had dental unit buildings where the officers could be brought together to work in groups of ten to fifteen under a supervising officer, and until dental inspectors could proceed to the various camps and systematize the work in the manner that it has been efficiently carried forward during the past few months.

In view of these facts, I assure you I will agree with any group of men that a sufficient number of dental officers should be assigned per thousand to complete in a six-month period certain types of dental operations needed, under the favorable conditions that now exist.

I have brought this question of the increase permitted for dental officers in the Army rather fully before you for we have not only had fair and honest difference of opinion raised on this question, but there has been unjust criticism in part advanced from sources that

have been concerned, I believe as much by money benefits that would accrue to them as by their sympathy and understanding of the dental needs of our boys in the American Army.

Educational Activities.

In May and June, 1917, a majority of the Dental Schools of this country instituted gratuitous courses of special instruction for applicants desiring to enroll in the Dental Reserve Corps. The course was approved by the Surgeon General, and was of such a nature as to fit those in attendance to be better officers for hospital and field service. The instruction embraced the relationship of the dental officers to the supply and administrative departments of the Army and military law. A number of the institutions have repeated these courses at various intervals.

It is a conservative estimate to state that between four and five thousand dentists attended these courses of instruction without expense to themselves or to the Government, and the dental educational institutions of this country have a right to feel proud of this contribution.

On October 15, 1917, by authority of the Surgeon General, and under the direction of the Sub-Section of Plastic and Oral Surgery of the Surgical Head Unit, courses of instruction in plastic and oral surgery were instituted at Washington University Dental School, at St. Louis, Missouri, Northwestern University Dental School, Chicago, Illinois, and Thomas W. Evans Museum and Dental Institute, School of Dentistry, University of Pennsylvania, where medical and dental officers were detailed for instruction. The medical officers were given special instruction in plastic surgery, blood transfusion and bone transplantation, and the dental officers, in bone fragment fixation by intro-oral splints, the systemic effects of focal infections, and surgical anatomy of the face, jaws and neck. The courses were discontinued in March, 1918.

On March 15, 1918, a school for Army Dental Officers was instituted at Camp Greenleaf, Chickamauga Park, Fort Oglethorpe, Georgia, in connection with the Medical Officers Training Camp, for military and professional instruction of dental officers and their authorized dental assistants.

The duration of the general course of instruction for the dental officers is two months. The first month is given over to 180 hours of general military training and the second to 70 hours of special military training, and 110 hours devoted to professional subjects that have a definite relation to the general dental practice as it should be conducted in the Army. Each class consists of from eighty to one hundred, and a small percentage is retained for training to qualify them for assignment as division dental surgeons or assistants to the Division Dental Surgeon. In the immediate future, a few from each class will be given special instruction in Roentgenology, as we have need for two dental Roentgenologists for each cantonment in this country, as authorization has recently been received for the installation of complete radiographic equipment in the dental unit building in each camp.

In this Officers' Training Camp, we have dentists receiving training that is of such a nature as will greatly increase their physical and professional efficiency. Furthermore, insofar as I know, this is the only country giving such extensive special training in military and professional subjects to dental officers and their authorized assistants.

Surgery of the Head.

On June 15, 1917, the Surgeon General approved of the organization of the section of the surgery of the head, which had among other duties the securing of a personnel especially qualified to care

for diseases and injuries of the brain, eye, ear, nose and throat, face and jaws, and place in charge a member of the Medical Corps, Regular Army. The commissioned personnel of the Surgical Head Unit to consist of one specialist each for the brain, eye, ear, nose and throat, one plastic or oral surgeon, and one dental oral surgeon, competent to care for fractures, impactions, and pathologic diseases to which the teeth and jaws are subject.

It is believed by including dentists in the organization of the Surgical Head Unit, better service will be given to our wounded soldiers who sustained injuries of the face and jaws than could have possibly resulted had these cases been handled without the assistance of those specially trained dental officers, and in addition, a splendid opportunity is given to members of this profession to increase their ability and knowledge in surgical principles involved in the management of these surgical lesions.

Dental Legislation.

On October 6, 1917, a dental law was enacted by the Senate and House of Representatives, in Congress assembled, and approved by the president, which gave to the Dental Corps of the Regular Army the same grades and percentages within the grades then allowed or that might thereafter be allowed by law for the Medical Corps of the Regular Army. This bill was referred by the Surgeon General to the Adjutant General of the Army for interpretation, and the decision was reached that under the present strength of the Army, the Dental Corps was authorized to have nine Colonels, seventeen Lieutenant Colonels, and sixty-seven Majors, the remainder of the authorized strength of the corps to be distributed in the grades of Captain and First Lieutenant.

Dental Legislation giving advanced grades to the Dental Corps of the regular organization of the Navy was passed and approved by the President on June 30, 1918. The legality of this bill has not been passed upon by the Navy authorities. It is believed it will give increasing rank for Lieutenant, Junior Grade, to Lieutenant Commander, with pay and allowance of Commander and Captain, which expressed in Army terms increases the rank for dental officers in the Navy from the grade of First Lieutenant to that of Major, with the pay and allowance of Lieutenant Colonel and Colonel. The main reason why it was only possible to secure the advanced pay and allowance of Lieutenant Colonel and Colonel, without the rank at this time, was because the senior dental officers of the Navy have only been in the service about five years, whereas in the case of the Dental Corps of the Army, when the recent legislation was secured for them, the senior officers had seventeen years of service.

Free Dental Service.

On August 19, 1917, with the approval of the Surgeon General, permission was sought from the Provost Marshal General to secure franking privileges for the Preparedness League of American Dentists, and concurrence in a plan which would make it possible for all men who had been accepted for general military service to be advised to appear before the members of that organization to have any urgently needed dental operations performed, without expense to themselves or to the Government, previous to their arrival at camp. This work was considered imperative at that time, for the reason there was only being assigned one dentist per thousand of the total strength of the Army, and also the manufacturers were unable to meet the excessive demands made upon them in the early days of the war.

The Provost Marshal General heartily approved of the proposal made, and gave every assistance possible, even urging by personal letter the Governor of

each State to inform all local and Medical Advisory Boards that he approved of their appointing a dentist for volunteer service on each board to aid in the physical examinations of all men called before them, and expressed it as his opinion that the patriotic service offered by the dental profession would be of great value not only for the comfort, but to the efficiency of the National Army.

Following the Department's approval, a Dental Reserve Corps officer was assigned to the Preparedness League Headquarters, in New York, who, in cooperation with the officers of that organization, has obtained splendid results. The membership of this organization has increased in the past year from about 4,000 to 16,000, and as a concrete example of what the officers and members have contributed in the form of gratuitous service for men who have been accepted for general military service, it is here recorded that they have furnished the material and performed 375,000 gratuitous operations for men selected for general military service. It should also be stated that thru their activity, three dental motor car ambulances have been presented to the Government, and another one is to be tendered in the immediate future.

In reference to the dental profession continuing to render free dental service to the selective service men, the opinion is here expressed, with the approval of the Surgeon General's office, that since there are now especially constructed dental unit buildings in all of the camps, and that full dental equipment is available, as a result of the earnest and efficient cooperation on the part of the Dental manufacturers, the Department does not feel that the same imperative need now exists that pertained last Autumn for the continuation of all the various types of dental operations that have been performed in the past by the members of the Preparedness League, for the reason that the Army Dental Service has reached the point where it can now cope with the dental problem after the selective man arrives at his camp. However, the Surgeon General's office would be pleased if the members of the profession, thru the Preparedness League, would continue their volunteer service on the Local and Medical Advisory Boards, and, thereby prevent the acceptance for general military service of men who are not dentally fit. The hope is expressed by decreasing the number of filling operations, there will be a corresponding increase in the number of registrants made dentally fit gratuitously, who have been physically rejected wholly because of dental deficiencies.

In addition, their services are urgently sought under the plan already adopted by this splendid organization, to have all hopelessly diseased roots and teeth removed from the mouths of those men who have been accepted for general military service previous to their arrival at camp, for if this can be accomplished, a valuable service will be rendered, and the health of the soldier will be improved, as there is great danger in the early days of military training of the development of those systemic diseases which have their origin from these focal infections.

All officers and members of the Preparedness League will be pleased to learn that the Surgeon General's office, the Provost Marshall General's office and the Medical Officers forming the local and medical advisory boards, greatly appreciate the splendid and patriotic service they have been able to render men selected for general military service.

Enrollment of Dental Officers.

The records show when this Government entered the present war, the American Army had eighty-six dental officers, eighteen of whom were captains and the

remainder first lieutenants, and altho our dental law permitted Dental officers to advance to the grade of Major, this was only possible after said officer had a record of twenty-four years of service and limited the number to eight, regardless of how many there might be who had served the required twenty-four years. Of the eighty-six then on duty, only fifty-five were stationed in the United States, and these were widely scattered.

Altho a law existed at this time which permitted the organization of a Dental Reserve Corps, no rules or regulations had been promulgated to organize such a corps, until after we entered the present war, and altho many dentists were eager to enter the Dental Reserve Corps, the early plan pursued made it necessary for an applicant to forward his request to the Surgeon General's Office, the formal application was then furnished him and advised when the next board was to meet in his own state or an adjacent one, with the result that many days or weeks would elapse from the time the applicant would first apply until his completed papers would arrive for final decision. To prevent, if possible, this delay, the Chairman of the Committee on Enrollment and Legislation of the Dental Committee of the General Medical Board presented to the Surgeon General, on June 1, 1917, the plan whereby he was to be permitted to select representative men of the Dental Profession who, by education and experience, were well qualified to give professional examination to any applicant who desired to be commissioned in the Dental Reserve Corps. This request, altho most unusual, was immediately accepted and authority granted. Twenty-four hours thereafter preliminary dental examiners were appointed in every state in the Union. The Journal of the National Dental Association was held on the press for the purpose of including the names and addresses of these preliminary dental examiners in the June issue, and when The Journal went forward five days later, it carried fifty thousand of the first official forms for application to the Dental Reserve Corps. Permission was granted by the Surgeon General's office for the publication and forwarding of these application blanks with our Journal, because all Government printing presses at Washington were occupied for weeks in advance with so many important official documents that these forms could not have been secured as promptly by any other plan.

The men appointed as preliminary dental examiners were the deans of the well-recognized dental institutions, the Secretary of each of the State Dental Examining Boards, and such dentists in addition as the service demanded. The names of these examiners are here presented for the record and marked "Exhibit B."

The End result of the appointment by the Surgeon General of the preliminary dental examiners is found in the fact that altho on the day of its authorization, June 1, 1917, or relatively two months after the beginning of war, there were only five officers in the Dental Reserve Corps, yet we find on September 18, 1917, or three and one-half months thereafter, all examinations for general practitioners were discontinued, as the War Department had a sufficient number of commissioned dental officers and completed applications on file for the present and immediate future needs of the Army.

In the sixteen months that have elapsed since the declaration of war, the number of dental officers has increased from fifty-two (52) to four hundred and forty-eight (448), in the Navy, while the increase in the Army has been from eighty-six (86) in the Dental Corps, Regular Army to 211; National Guard, from nothing to 259; Dental

Reserve Corps, from nothing to 5504, making a total of 5974, or a sufficient number to supply the quota now being assigned for an Army of five million, which gives to this nation a greater number of dental officers, subject to military call, than all nations combined represented by the term "The Allies."

The following two facts are considered worthy of being recorded: First, the commission of First Lieutenancy was tendered nearly six thousand Dentists, and all but one hundred and thirty-nine of these have accepted.

Second: Altho the Dental Reserve Corps of the Army authorized for its present strength to have 2118 Captains and 1265 Majors, there have only been 250 promoted to the grade of Captain and 65 to the grade of Major. This can be accounted for by the splendid plan that has been followed in regard to the question of promotion, for here we find that every dentist coming into the service must accept the grade of First Lieutenant, and he cannot be advanced until after being placed on active duty, and then only does he become eligible when he has been recommended by his superior officers thru military channels.

Because of the splendid record of dental efficiency here shown, I request that I be permitted in closing this report to affirm that I have learned by daily contact that not all patriotic citizens have donned the Olive drab, for during the past year it has been my privilege to be associated with certain members of the dental and medical professions, constituting the Medical Board and the Dental Committee of the General Medical Board of the Council of National Defense, the Preliminary Dental Examiners of applicants for the Dental Reserve Corps, the Deans of the Dental Colleges of the Nation, the National Dental Examiners Association, and officers and division directors of the Preparedness League of American Dentists, and altho but a few of these men are in military service, the records of their efficient gratuitous acts shall form a brilliant part of the permanent records established during the present war emergency, in the Surgeon General's office of the United States Army.

In the final statement of my address, I desire to record a truth that should be known to all Dental Officers and all Members of the Dental Profession of this nation that the real reason why dental service in the American Army has made such phenomenal strides during the last sixteen months is because there has been, at all times, not only an intelligent but eager desire on the part of Surgeon General Gorgas and General Robert E. Noble to secure for dentistry every opportunity that was needed for this profession to live up to its possibilities to assist in doing its professional and patriotic duty in aiding to maintain the health of the American soldiers in this world's war, which must be fought to a victorious end that all people of all nations may live together in freedom.

EXHIBIT "A."

GENERAL MEDICAL BOARD OF THE COUNCIL OF NATIONAL DEFENSE.

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Dr. W. F. Snow, Professor Public Health, Stanford University, Surgeon General's Office, Secretary.

Surgeon General William G. Gorgas, U. S. Army.

Surgeon General William C. Braisted, U. S. Navy.

Surgeon General Rupert Blue, U. S. Public Health Service.

Rear-Admiral Cary T. Grayson, U. S. N., Washington, D. C.

Dr. William J. Mayo, Rochester, Minn.

Dr. Victor C. Vaughan, Dean of Medical Department, University of Michigan, Ann Arbor, Mich.

Dr. William H. Welch, Professor of Pathology, Johns Hopkins University, Baltimore, Md.

Dr. Frederic A. Besley, Professor of Surgery, Northwestern University, Chicago, Ill.

Dr. Hermann M. Biggs, State Commissioner of Health, New York City.

Dr. John Fairbairn Binnie, Recorder, American Surgical Association, Kansas City, Mo.

Dr. Joseph C. Bloodgood, Associate Professor of Surgery, Johns Hopkins University, Baltimore, Md.

Dr. James Bordley, Jr., Surgeon in charge, South Baltimore Eye Hospital, Baltimore, Md.

Dr. Elliott G. Brackett, Assistant Professor of Orthopedic Surgery, Harvard Medical School, Boston, Mass.

Dr. George E. Brewer, Professor of Surgery, Columbia University, New York City.

Dr. John Young Brown, Professor of Surgery, University of St. Louis, St. Louis, Mo.

Dr. Alexis Carrel, Member of Staff, Rockefeller Institute, New York City.

Dr. John G. Clark, Professor of Gynecology, University of Pennsylvania, Philadelphia, Penn.

Dr. Frederic J. Cotton, Associate in Surgery, Harvard Medical School, Boston, Mass.

Dr. George W. Crile, Professor of Surgery, Western Reserve University, Cleveland. O.

Dr. Edward P. Davis, Professor of Obstetrics, Jefferson Medical College, Philadelphia, Pa.

Dr. John B. Deaver, Professor of Practice of Surgery, University of Pennsylvania, Philadelphia.

Dr. Robert L. Dickinson, 1st Vice-President, American Gynecological Association, Brooklyn, N. Y.

Dr. George Rilus Eastman, President, Western Surgical Association, Indianapolis, Ind.

Dr. William A. Evans, President, American Public Health Association, Chicago, Ill.

Dr. Duncan Eve, Sr., President, Southern Medical Association, Nashville, Tenn.

Dr. John M. T. Finney, Professor of Clinical Surgery, Johns Hopkins University, Baltimore.

Dr. Simon Flexner, Director, Rockefeller Institute for Medical Research, New York City.

Dr. Joseph E. Goldthwait, Lecturer on Orthopedics, Harvard Medical School, Boston, Mass.

Dr. William D. Haggard, Prof. of Surgery, Vanderbilt University, Nashville, Tenn.

Dr. Hobart Amory Hare, Professor of Therapeutics, Materia & Diagnosis, Jefferson Medical College, Philadelphia, Pa.

Dr. Thomas W. Huntington, Professor of Surgery, University of California, San Francisco.

Dr. Jabez Jackson, Kansas City, Mo.

Dr. Theodore Janeway, Professor of Medicine, Johns Hopkins University, Baltimore, Md.

Dr. Charles E. Kahlke, Professor of Surgery, Hanemann Medical College, Chicago, Ill.

*Dr. Ed. C. Kirk, Dean Thomas Evans Institute, University of Pennsylvania, Philadelphia, Penn.

*Resigned June, 1917.

Dr. John H. Landis, Health Commissioner, Cincinnati, O.

Dr. W. H. G. Logan, President, National Dental Association, Chicago, Ill.

Dr. Fred Bates Lund, Lecturer on Surgery, Harvard Medical School, Boston, Mass.

Dr. Edward Martin, Professor of Surgery, University of Pennsylvania, Philadelphia, Penn.

Dr. Charles H. Mayo, President American Medical Association, Rochester, Minn.

Dr. Stuart McGuire, Professor of Surgery, Medical College of Virginia, Richmond, Va.

Dr. Rosalie Slaughter Morton, Chairman, American Women's Hospitals, New York City.

Miss M. Adelaide Nutting, Prof. of Nursing and Health, Teachers College, Columbia University. New York City.

Dr. Albert J. Ochsner, Professor of Surgery, University of Illinois, Chicago, Ill.

Dr. Charles H. Peck, Professor of Surgery, Columbia University, New York City.

Dr. Charles B. Penrose, Professor of Gynecology, University of Pennsylvania, Philadelphia, Pa.

Professor Earle Phelps, Sanitary Engineer, Washington, D. C.

Dr. Emmet Rixford, Professor of Surgery, Stanford University Medical School, San Francisco, Calif.

Dr. Hubert A. Royster, Secretary, Southern Surgical Association, Raleigh, N. C.

Dr. Sterling Ruffin, Professor of Medicine, Geo. Washington University, Washington, D. C.

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Dr. Winford H. Smith, Superintendent, Johns Hopkins Hospital, Baltimore, Md.

Dr. J. Beneley Squier, Professor of Urology and Genito-Urinary Surgeon, College of Physicians and Surgeons, Columbia University, New York City.

Dr. Richard P. Strong, Professor of Tropical Medicine, Harvard University, Boston, Mass.

Dr. William S. Thayer, President, Congress of American Physicians and Surgeons, Baltimore.

Dr. Wm. B. Van Lennep, Professor of Surgery, Hahnemann Medical College, Philadelphia.

Dr. George Walker, Associate in Surgery, Johns Hopkins University, Baltimore, Maryland.

Dr. Florence N. Ward, Chief Surgeon, Florence N. Ward Sanitarium, San Francisco, Calif.

Dr. Ray L. Wilbur, President, Stanford University, San Francisco, Calif.

Dr. W. C. Woodward, Health Officer of the District of Columbia, Washington, D. C.

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Colonel C. U. Dercle, Medical Department. French Army, Paris, France.

Colonel T. H. Goodwin, R. A. M. C., London, England.

Mr. Julius Rosenwald, Member of Advisory Commission, Council of National Defense, Chicago, Ill.

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William J. Mayo, Rochester.
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G. V. I. Brown, Milwaukee.
H. J. Burkhart, Rochester, New York.
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Thomas P. Hinman, Atlanta.
Otto U. King, Chicago.
John D. Milliken, San Francisco.
Frederick B. Moorehead, Chicago.
Henry W. Morgan, Nashville.
Charles R. Oakman, Detroit.
Weston A. Price, Cleveland.
A. H. Reynolds, Philadelphia.
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L. L. Barber, Toledo, Chairman.
A. H. Reynolds, Philadelphia.
J. A. West, Des Moines.

Preparedness League of American Dentists.

J. W. Beach, Buffalo, Chairman.
Charles F. Ash, New York City.
J. A. C. Hoggan, Richmond.
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Committee on Dental and Oral Requirements for Enlistment in the Army and Navy.

Dr. Herbert L. Wheeler, New York, Chairman.
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EXHIBIT "B."

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Pasadena, California, Capt. C. E. Lauderdale.
Denver, Colorado, Dr. H. A. Fynn, 500 California Bldg.; Dr. R. C. Quick, 310 Metropolitan Bldg.
Hartford, Connecticut, Dr. Edward Eberly, 902 Main Street.
Washington, Delaware, Dr. W. H. C. Speakman.
Washington, D. C., Dr. H. P. Cobey, K St., near 14th N. W.; Dr. Shirley W. Bowles, 1616 I. St.; The Dental Surgeon, Walter Reed General Hospital, Takoma Park.
Jacksonville, Florida, Dr. R. P. Taylor, St. James Building.
Brunswick, Georgia, Dr. D. D. Atkinson,
Atlanta, Georgia, Dr. Thomas P. Hinman, 509 National Bank Bldg.
Augusta, Georgia, Dr. V. C. Borbot, 319 Leonard Building.
Boise, Idaho, Dr. Albert A. Jessup.

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Bloomington, Indiana, Dr. Fred J. Prow.

Iowa City, Iowa, Dr. E. T. Breene.

Des Moines, Iowa, Dr. Clarence V. Watts, 315 K. P. Building; Dr. J. A. West, 417 Utica Building.

Ottawa, Kansas, Dr. F. O. Hetrick.

Louisville, Kentucky, Dr. J. H. Baldwin, 540 Atherton Building.

New Orleans, Louisiana. Dr. V. K. Irion, 935 Maison Blanche Bldg.; Dr. Wallace Wood, 46 Machea Bldg.; C. Victor Vignes.

Portland, Maine, Dr. Giles O. Grant.

Baltimore, Maryland, Dr. F. F. Drew, 7012 Howard Street; Dr. T. O. Heatwole, 2003 N. Charles St.; Dr. B. Holly Smith, 405 North Charles Street.

Cumberland, Maryland, Dr. Karl Heintz

Boston, Massachusetts, Dr. Harold DeW. Cross, 140 The Fenway; Dr. William Rice, Tufts Dental College; Dr. George H. Paine, 29 Commonwealth Avenue; Dr. Eugene Smith, 283 Darmouth Street.

Stephenson, Michigan, Dr. E. C. Gillespie.

Ann Arbor, Mich, Dr. Maurice L. Ward; Dr. Russell W. Bunting, University of Michigan.

Detroit, Michigan, Dr. Charles Oakman, David Whitney Bldg.

Duluth, Minnesota, Dr. C. W. Benson, 332 New Jersey Bldg.

Minneapolis, Minnesota, Dr. Alfred Owre, College of Dentistry, University of Minnesota; Dr. T. B. Hartzell, Donaldson Building.

Kansas City, Missouri, Dr. R. J. Rinehart, Western Dental College; Dr. C. C. Allen, 10th and Troost Streets.

St. Louis, Missouri, Dr. J. P. Harper, 3564 Carolina Street; Dr. J. H. Kennerly, 29th and Locust Streets.

Cameron, Missouri, Dr. V. R. McCue, Cameron, Missouri.

Butte, Montana, Dr. C. A. Chevigne.

Manchester, New Hampshire, Dr. Harry L. Watson, 913 Elm Street.

Deming, New Mexico, Dr. M. J. Moran.

Loup City, Nebraska, Dr. S. A. Allen.

Lincoln, Nebraska, Dr. W. Clyde Davis.

Omaha, Nebraska, Dr. A. H. Hipple, 1200 1st National Bank Building.

Rochester, New York, Dr. Harvey L. Burkhart, 300 Sibley Bldg.

New York City, N. Y.; Lt. Herbert L. Wheeler, 560 5th Avenue; Dr. William Carr, College of Dental Surgery, 302 East 35th Street; Lieut. John L. Peters, 133 W. 72nd Street; Dr. A. M. Starr, 8 West 40th St.

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Albany, New York, Dr. M. J. Terry.

Ashville, North Carolina, Dr. F. L. Hunt, Paragon Building.

Raleigh, North Carolina, Dr. J. Martin Fleming.

Devil's Lake, North Dakota, Dr. W. E. Hocking.

Trenton, New Jersey, Dr. John C. Forsythe, 430 E. State Street.

Toledo, Ohio, Dr. L. L. Barber, 718 Spitzer Bldg.; Dr. R. H. Vollmayer, Nicholas Bldg.

Cleveland, Ohio, Dr. Edward E. Belford, 12170 St. Clair Street.

Cincinnati, Ohio, Dr. G. J. Junkerman, 231 West Court Street.

Columbus, Ohio, Dr. H. M. Semans, 710 Park Street.

Ryan, Oklahoma, Dr. H. Overby.

Portland, Oregon, Dr. Herbert C. Miller, East Sixth & Oregon Sts.

Salem, Oregon, Dr. E. H. Olinger.

Pittsburgh, Pennsylvania, Dr. H. E. Friesell, 1206 Highland Bldg.

Philadelphia, Pennsylvania, Dr. S. H. Guilford, 124 South 18th St.; Dr. A. J. Reynolds, 4630 Chester Street; Dr. T. P. Barker, Evans Dental Institute; Dr. Charles Turner, Vans Dental Institute.

Providence, Rhode Island, Dr. E. A. Charbonnel, 139 Mathewson Street.

Bennetsville, South Carolina, Dr. R. L. Spencer.

Scotland, South Dakota, Dr. Robert Jasmann.

Memphis, Tennessee, Dr. Joseph A. Gardner; Dr. W. G. Hutchinson, 208 Eve Building.

Nashville, Tennessee, Dr. Henry W. Morgan, 189 8th Ave., N.

Dallas, Texas, Dr. C. M. McCauley, 434 Wilson Bldg.

Salt Lake City, Utah, Dr. J. F. Christianson, 7 Mercantile Block.

Richmond, Virginia, Dr. J. A. C. Hoggan.

Norfolk, Virginia, Dr. C. B. Gifford, Taylor Building.

Fredericksburg, Virginia, Dr. J. P. Stiff.

Newport, Vermont, Dr. J. F. Hamilton.

Kaukauma, Wisconsin, Dr. F. C. Babcock.

Milwaukee, Wisconsin, Dr. Henry L. Banzhaf, 410 First National Bank Bldg; Dr. W. T. Hardy, Majestic Bldg.

Rice Lake, Wisconsin, Dr. F. A. Tate.

Cheyenne, Wyoming, Dr. Peter Appel, Jr.

Tacoma, Washington, Dr. J. W. Rawlings, Nat. Realty Bldg.

Charleston, West Virginia, Dr. H. H. Smallridge.

PROCEEDINGS

OF THE

TWENTY-SECOND ANNUAL SESSION OF THE NATIONAL DENTAL ASSOCIATION

Held in Chicago, Illinois, August 5, 6, 7, 8 and 9, 1918.

TUESDAY MORNING, AUGUST 6, 1918—FIRST GENERAL SESSION.

The first general session was called to order at 9:30 A. M., and papers were presented on the problem of "The Management of Pulpless Teeth," as follows:

"Information to Date on Infections within the Root and Periapical Tissues," by Katherine R. Collins, M. D., Cleveland, Ohio.

"A Review of the Relative and Actual Efficiency of Medicaments for the Sterilization of Tooth Structures," by Thomas B. Hartzell, Minneapolis, Minnesota.

"A Report of the Efficiency of Current Methods Used for the Sterilization of Dental Instruments and Root Filling Materials," by Samuel E. Pond, (B. H., A. M.,) Cleveland, Ohio.

"Report of Laboratory Investigations on the Physical Properties of Root Filling Materials and the Efficiency of Root Fillings for Blocking Infection from Sterile Tooth Structures," by Weston A. Price, Cleveland, Ohio.

"A Review of the Clinical Data Relative to the Efficiency of Various Root Filling Methods," by Clarence J. Grieves, Baltimore, Maryland.

"Periapical Infection: A Statement of the Facts in the Problem," by Dr. Frederick B. Noyes, Chicago, Illinois.

Adjourned.

TUESDAY EVENING, AUG. 6, 1918—SECOND GENERAL SESSION.

INVOCATION.

By Rev. A. H. W. Anderson, Chicago, Ill.

ALMIGHTY GOD, Father of all classes, God of justice and of truth, we come before Thee at this time with a consciousness enlightened by Thy overshadowing providence for us and for our Allies. We thank Thee, oh our God, for the strengthening of our arms and for the wonderous vindication of our nation in the eyes of the world. We thank Thee for the splendid victory which our intervention has brought to us and to our Allies. O gracious Father, we are not unmindful of the fact that worse things can happen to a nation than war. We thank Thee that this nation did not betray its national consciousness for the world commerce. We thank Thee that our people have arisen as one man to heed the cry of outraged Belgium, Serbia, and France. We thank Thee for the splendid response that this national convention is making for the needs of our soldiers, placing as they do, their professional services at the disposal of this nation where they are needed. We are pleased that our people have this baptism of blood and have been regenerated to a larger life and a clearer vision of their own and of their nation's destiny. Grant, O gra-

cious Father, Thy continual help to us and to our Allies as long as we continue to be the defenders of liberty, justice, humanity and democracy, and the suppressors of brutality, injustice, servitude and autocracy. We ask this in the name of Him who has taught us to say:

Our Father who art in heaven, hallowed be Thy name, Thy kingdom come; Thy will be done on earth as it is in heaven; give us this day our daily bread, and forgive us our trespasses as we forgive those who trespass against us. And lead us not into temptation, but deliver us from evil, for thine is the kingdom, the power and the glory, forever and ever. Amen.

ADDRESS OF WELCOME.

By C. N. Johnson, M. A., L. D. S., D. D. S., Chicago, Ill.

It is a great pleasure to be permitted to say a word of welcome, on an occasion of this kind to the guests of the distinguished order that we have with us this evening. It is not the first time that Chicago dentists have been permitted to welcome the representatives of their profession from this and other countries. I need not tell you tonight, that we are always glad to have you with us. We are particularly glad on this occasion to welcome you; I must warn you that on account of the exigencies of war, we may not be permitted to extend to you the same kind of entertainment that we have in the past. In Chicago, we have been obliged to live on substitutes; I mean substitutes to eat; I don't know anything about substitutes to drink. (Laughter.)

We are going to ask you to take potluck with us on this occasion. We feel honored in the fact that you have come here in such large numbers; we feel also honored in the fact, that we have with us on this occasion representatives of the government and of the War Department, who have come to us under great personal sacrifice. This is particularly true with reference to the Surgeon General of the Army and the other distinguished gentlemen here; I need not enumerate them because you are going to hear from them. We also are honored on this occasion by the presence of another body of men to whom I shall extend an especial word of welcome.

It is a very notable fact, when the national organization of one country elects to hold its meeting outside of its own domain and comes to another country, as a guest of the national organization of the inviting country. We should feel proud of this fact, and tonight we welcome into our midst, the Canadian Dental Association. (Applause.) In this connection, I have an apology to offer to them. Last May, when I was in Toronto, I took the dentists of Toronto a message of greeting from the President of the National Dental Association (Colonel Logan), and an invitation for these men to come to us to a man, and I promised them on my own behalf, on my own iniative we would have cool weather in Chicago at this time. (Laughter.) I even pledged my own personal influence in this matter, and I want to say that up to last Saturday, so far as the weather was concerned, I was onto my job. Then, I became engrossed with other things, and I lost control of the situation. (Laughter.) I was like the German Army on the Western Front today. (Applause.) This reminds me, Mr. President, that it is very appropriate to have representatives of Canada with us on this occasion, because today the boys of Canada and the boys of the United States are fighting shoulder to shoulder on the historic battlefields of France. (Applause.) It is also appropriate that we have them with us for another reason, namely, that the people

Unveiling Black Memorial, Lincoln Park, Chicago, Ill., August 5-9, 1918.

A Company of Recent Dental Graduates from Camp Greenleaf Attending Chicago Meeting, August 5-9, 1918.

of these two countries have lived side by side for so many years in peace and harmony, with a border extending over thousands of miles across the continent, from the Atlantic to the Pacific Coast without frowning fortresses extending along the border line, or great standing armies to menace the approach. (Applause.) That spectacle has been presented to us by these two peoples living in this proximity, in this kind of harmony during a perpetual peace of more than one hundred years. That is something for us to be proud of.

Ladies and gentlemen, I cannot imagine a condition of that kind in Europe. God help Europe. I have come to the conviction that America is not a bad place to live in after all. (Applause.) But I shall not prolong my remarks; I simply want to say to these gentlemen who have come to us from the other side, that we bid them especially welcome. We have their respresentative here tonight who is going to speak to you, and I say to him and to other Canadians that we hope their stay in Chicago, as guests of the National Dental Association of the United States, will not only be profitable but exceedingly pleasant. (Applause.)

President Logan, in introducing Dr. Joseph Nolin, said: "I am sure you and your Canadian Associates rejoice with us to see your flag and our flag displayed together, draped in folds of harmony with each other, and I am equally sure I voice the sentiment of every person in this Auditorium, yea, every American citizen in this Nation when I proclaim that we rejoice, not only because our flags are unfurled here in peace with one another, but we, of the States are proud that our flag is flaunted in the breeze, with yours and all of the other liberty-loving, demanding Nations known as the "Allies," against a common foe in war.

Since Canada and the United States have always lived together in peace and are now bound together in War, until there comes the glorious and victorious termination of this world's conflict, I take this opportunity of conveying my official and personal appreciation of your Association's acceptance of our invitation to participate in the celebration of the Sixtieth Anniversary of the Organization of Dentistry in the United States.

Ladies and Gentlemen, permit me to call upon Dr. Nolin, the President of the Canadian Dental Association.

RESPONSE TO THE ADDRESS OF WELCOME.

By Joseph Nolin, D. D. S., Montreal, Canada.

A fortnight ago, I received from Colonel Logan an epistle which began as follows: "Just a brief note to advise you that in these times of war we never invite a man to do a thing; we simply advise him of what he is expected to accomplish." (Laughter.) You may imagine, ladies and gentlemen, that I had no option. My answer was bound to be as submissive as the letter was curt. It consisted of three words: "Aye, Aye, Colonel." (Laughter and applause.) And thus it happens that a Frenchman, from Montreal, comes here tonight, to impose his imperfect English on your sensitive ears. (Laughter.) Like him, however, you have no option, and like him, all you can do is to take your medicine like men. (Laughter.)

Once upon a time, there was an Ogre, and there was a Flag, and the Ogre, cruel and greedy, fed himself on human misery and human blood, while the Flag, with stripes of red and silver, and glittering stars on a background of blue, floated peacefully in the breeze. One star-lit night, that the Flag was floating peacefully in the breeze, with stripes a glistening and stars a glittering, the Ogre, disturbed in his nightly meal of human misery and human blood, said unto the Flag, "Flag, you must stop a waving in

the breeze, with stripes a glistening and stars a glittering, or I shall tear away from your stars, throw them in the mud at my feet and extinguish their light in gore." But, as the Flag kept a waving in the breeze, with stripes a glistening and the stars a glittering, the Ogre with a howl of rage, grasped his cruel knife, still gory with the blood of women and children, slashed from the Flag its blue background, with the glittering stars, tore it to pieces, threw it in the mud at his feet and tramped viciously upon it. But, when he looked again at the Flag, his eyes bulged out, his lips quivered with fear, for the Flag was still floating proudly in the breeze, with stripes still glistening; and O, miracle of divine love for human liberty! a piece of God's own blue sky had filled the gap left by the cruel knife, and the Flag of America was still star spangled. (Applause.)

Ladies and gentlemen, there is a sequel to this legend, for the Flag has now said unto the Ogre, "Ogre you must stop murdering women and children; stop enslaving defenseless nations; stop your endeavors to change mankind into two classes of brutes—beasts of burden and beasts of prey; stop shattering the very foundation of civilization. If you do not, I shall entwine my stripes around the crosses of Britain's Union Jack, blend my red, my white and my blue, with the blue and the red and white of the glorious banner of France; if you do not, my stars shall glitter and glitter and glitter above you, until your sons have awakened to the light of true civilization, and liberty, or until my sons have dealt you a final uppercut that shall lay you down to sleep forever." (Loud applause.)

And this is how it happenes, ladies and gentlemen, that the Flag under which you are so rightly to live, the Flag for which your sons are willing to fight and ready to die, with a smile on their lips, floats today with stripes a glistening and stars a glittering in the valleys of the Marne, of Vesle and the Loire, where it has already covered itself with immortal glory. (Applause.)

This is also the reason why Dr. Johnson, the members of the dental profession of America, notwithstanding the financial embarrassments of the hour; notwithstanding the prohibitive cost of travel, notwithstanding the moral stress inherent to the actual or prospective loss of a beloved son or brother, have accepted the invitation of the National Dental Association to make this convention a record breaker. They have come from the west and we have come from the east; some have left the cotton plantations of the south to join others from the wheat fields of the north; by scores, by hundreds, by thousands they have come each and every blessed one of them, ready and anxious to do his bit for the cause of civilization and liberty. (Applause.)

It is my privilege to thank you, Dr. Johnson, for the kind words of welcome addressed to the dentists of Canada. When the National Dental Association extended to her younger Canadian sister an invitation to hold her biennial meeting here in Chicago, there was some hesitation in the minds of some as to whether it would be wise to accept it. Fear was expressed in some quarters that the lavish hospitality of the elder sister might prove so attractive for the younger and weaker organization as to make her wish to become a part of the household and thus lose her identity. (Laughter and applause.) But when the timid ones were reminded that these are not ordinary times; when they were reminded that your sons and our sons are fighting side by side for the same cause; when they were reminded that the greatest statesman and scholar who leads the American republic, and whose "name shall forever go sounding down the ages," has made himself the champion of the weaker nations and smaller nationalities; when they were moreover reminded that this meeting is dedicated to the memory of the father of modern

dentistry, their fears soon quieted down, so that its chairman paraphrasing Pershing's immortal words, I may, in the name of the dentists of Canada, Greene Vardiman Black, we are here!" (Applause.) Yes, Mr. President, ladies and gentlemen, the Canucks are here; from Cape Breton to Prince Ruppert; from the St. Lawrence to the North Pole, they have come; from British Columbia and from Manitoba, from Alberta and Saskatchewan, from the Maritime Provinces led by Frank Woodbury, the Blue Noses have joined the procession. Ontario has sent her sons headed by a distinguished contingent from Toronto, the temporarily capital of the British Empire, until her newspaper men decide to make it the capital of the World (laughter and applause). From my own beloved, quaint, misunderstood and damnably misrepresented province of Quebec, they also have come. Hand in hand, our members have crossed the border. Discarding their furs and their earmuffs, leaving their snowshoes by the wayside, the sons of Canada have come among you, willing, for the time being, to entwine the crosses of their crimson Flag with the stripes of your own Old Glory, anxious to hitch their toboggan to your stars. (Applause.)

Colonel Logan, President of the Association, then delivered his address. (See page 12).

President Logan, in introducing the next speaker, said:

"The National Dental Association has the very good fortune and great honor as has the City of Chicago and the State of Illinois to have as its guest this evening the most distinguished medical officer of the United States Army.

"This officer for over a quarter of a century has been in charge of vital medical and sanitary problems for the people of this nation, in Texas, Cuba and the Panama Canal Zone and in each instance the result obtained has proven the efficiency of the Medical Department of the United States Army.

"As a result of his achievements he was called, about four years ago, by the President of the United States and made Surgeon General of the United States Army. And in spite of all the glory and honors that have come to General Gorgas he is today a modest man, mild of manner and scholarly of habit, yet when opposed in a cause he believes to be just he has the courage of a veteran line officer and thru it all his heart has remained as gentle as that of a woman.

"Therefore, I ask, is it but natural that every mother, wife and sweetheart of our soldiers in the camps and cantonments of this country and those which form the battle front tonight in France and Italy, look to him with assurance and confidence that every precautionary health measure will be taken, but should sickness or injury overtake our boys they will be cared for with all of the intelligence and sympathy they could receive at home? There are many interesting facts in this distinguished citizen's life you would be pleased to hear that I could relate, but I know you are anxious to hear those you came to listen to, therefore, I shall only detain you to say you shall now have the pleasure of listening to Major General William C. Gorgas, U. S. A., who will address you on "Consideration of Some of the Important Changes that Have Been Made in the Medical Department of the United States Army During the Past Four Years."

CONSIDERATION OF SOME OF THE IMPORTANT CHANGES THAT HAVE BEEN MADE IN THE MEDICAL DEPARTMENT OF THE UNITED STATES ARMY DURING THE PAST FOUR YEARS.

By Major General William C. Gorgas, Washington D. C., U. S. A.

I am a little disappointed that the chairman in his very kindly introduction to-night did not refer to my skill as a dentist. (Laughter.) I think there is some jealousy on his part because my early professional life was spent in a very active dental practice. (Applause.) You have all no doubt heard of the old physician who was limited in his skill but was especially apt on fits. His whole endeavor was to throw his patient into fits, and then he felt secure. (Laughter.)

My early professional life for the first twenty years was spent in the west on the plains. I had all sorts of work, but a great deal of dentistry fell to my lot, and whatever came to hand, I endeavored to turn into the line of tooth extraction. (Laughter.) I flatter myself that I became exceedingly skillful in this. Probably no dentist here has used the key, and that no non-professional person knows what the key is in dentistry. In my early practice, forceps was beginning to be used; I acquired a tolerable degree of skill in the use of forceps, but felt absolutely certain I could succeed if I had the key. To the non-professional individual in the audience, I will explain what the key is in the old dentistry of forty years ago. It was an instrument with a couple of steel prongs attached to a short chain, and this chain wound around a steel lever. You put the claws of the steel key under the tooth and by revolving the lever got the tooth out. (Laughter.) You always got the tooth, but the trouble was you sometimes got more than one tooth (laughter), and frequently you took away a piece of the jaw. But most of my clientele were the Sioux Indians at this time, who had exceedingly firm jawed teeth, and my reputation was increased with the number of teeth I brought out at one extraction, and if I took away a small piece of the jaw I was considered still more skillful. (Laughter.) I attribute what little knowledge I have of dentistry to this early practice, of which I had a great deal.

Now, ladies, and gentlemen, I want to say a few words about the Medical Department of our Army. All military medical departments have grown up in the past two or three hundred years essentially to render the army more efficient, and one way in which to increase the efficiency of the army is by keeping a maximum number of men in the line. The Medical Department of our Army is made up of all the agencies that look to the care of the soldier. The M. D's constitute the necessary and most numerous part of the Military Department, and the dentists constitute a very important part. The veterinarian is a very useful member of the Army, altho he does not come in contact with the men. The Nursing Corps is another important part of the Medical Department of the Army. I think the laity at large always think that the medical department consists in taking care of the sick and wounded and in looking after that phase of the question. It is not by any means the most useful part of the commanding general. The most useful function that the Medical Department performs is that of keeping the Army well and not allowing them to get sick. The Dental Department in this phase is performing and is expected to perform a most useful function. If we can keep the teeth and the mouths of the soldiers in good condition, we will add a vast number of men to those constantly in the line, we will increase the health of the Army enormously, because looking after their teeth

and mouths and keeping their mouths in good condition, we will eliminate or decrease to a very large extent, diseases pertaining to the digestive system. Likewise the M. D. performs essential duties not so much in taking care of the sick and wounded men as in preventing infectious diseases, increasing the number of men that are kept constantly in the line.

It is very impressive to look back over the history of the military medical departments and see how vastly within eighty years, certainly within a century, the whole field of the military professional care of the soldier has advanced. If you take the Crimean War, which was fought in the middle of the last century, you will find that the French, for instance, in 1854, lost that year of their army in the Crimea 250,000 men from disease; that is, one-fourth of the army died from disease. If we come down a little later to the Japanese struggle in our present century, we find that they went thru their war with a death rate from disease per year of 20%. This was an enormous decrease over most everything that had gone before. We hope to do still better. Our death rate so far has only been about eight per thousand, and I hope when the war is over we can point back to the same decrease as being the average for the whole war. (Applause.) I merely mention that to give you a general idea of the hopes of the Medical Department. The treatment of the sick and wounded men and the dental care of the disfiguring wounds that occur from shell injury, about the face in this war, have been enormously advanced. It is marvelous to read and see the results that have been brought about by dental and oral surgery in this direction during the present war. You necessarily see that the number of men added to the efficiency of the Army by such measures is infinitesimal as compared with the measures that tend towards the prevention of diseases in the same Army. It is a great boon to the individual; nothing like it has occurred before when we consider the skilled surgery that is done about the face in this war.

As Colonel Logan has pointed out, the position of the Dental Corps has been enormously advanced in the last two years in our army. It has added greatly to the efficiency of our army, and as Surgeon General of the Army, I wish to express my appreciation to the Association for the assistance they have given in this advance. Colonel Logan very often, when these measures were before Congress, came to me for advice in the matter. I gave him what little advice I could, but I would like to take off my hat to the National Dental Association and say that they have us (the medical profession) beat by all odds on all questions of convincing Congress as to the efficacy of their measures. (Laughter and applause.) We of the medical profession are tyros as compared with those of the dental profession. I hope to profit at the next session of Congress by the experience I have gained from the representatives of the Dental Corps, who are in my office, in the way of convincing Congress that we should have more good things than we have now.

To meet the members of the National Dental Association in this way, has been a very great pleasure, and beyond the pleasure I consider it a lucky opportunity that I have to speak to you and to help to consolidate them behind the Medical Department in the great work which we have before us. Their work has been most splendid and efficient, and their organization is as good as that of any army I know of. I wish to express my gratitude both in the sense that I appreciate favors (and we all appreciate favors) that the Association has in the past conferred upon us, and also in that definition of gratitude as a most lively expectation of favors to come. (Loud applause.)

President Logan: "It can truthfully be stated that a great teacher or a

great officer is not a real teacher or real officer unless during his life time he creates many brilliant men, at least one his equal, and in addition to what I have said about General Gorgas, I wish to say, I am very sure he must find great satisfaction in reviewing the splendid records made and reputations achieved by some of the men most closely associated with him.

"One of the most efficient of his younger associates has kindly accepted our invitation to take part in our program this evening. General Noble served with General Gorgas in the canal zone and was called to Washington by his chief about five years ago and placed in charge of the Personnel Division. It has been under his supervision that the Medical Department has increased its commissioned officers from four hundred to thirty thousand during the last sixteen months. About a month ago General Noble was placed in charge of the Hospital Division in the Surgeon General's office.

"Those who know General Noble best, realize he is an individual of tremendous capacity for work and because of the position he occupies and his known executive ability, he is never hampered in his duties by what the public is pleased to call "red tape." He quickly strips every proposition of its non-essentials and decides the issue when presented upon its merits and assumes every responsibility for his acts that rightly belong to him, demanding that all others do likewise. Because of these facts he is an efficient executive and one of the most prominent of the outstanding men in these days of tremendous stress and responsibilites in the Medical Department of the United States Army. Ladies and Gentlemen, General Robert E. Noble will now convey to you the Surgeon General's plans for maintaining the health of our soldiers."

THE SURGEON GENERAL'S PLANS FOR MAINTAINING THE HEALTH OF OUR SOLDIERS.

By Brigadier General Robert E. Noble, M. C., N. A. Washington, D. C., U. S. A.

I was asked to speak upon the subject of what the Department is doing for the health of the Army. That is the function of the Medical Department, for it exists solely to care for the health of the Army, a non-combatant force of the service, which must justify its existence by its work, and a Medical Department that cannot care for the health of the Army does not deserve to exist. We believe that we have fulfilled our function in this respect.

Prior to the war of 1898, the Medical Department of our Army existed merely for the care of the sick or wounded that might come to the hospital or report at sick call. The medical department today of all armies is for the purpose of keeping that army well. The care of the sick is a secondary problem. I do not mean by this that the sick do not receive the best attention that the profession can give, but the care of the sick is secondary in that the primary care and duty of the officer is to prevent men from becoming sick.

During the war in 1898 we had more than 20,000 cases of typhoid fever, with 2200 deaths. If we had today the same rate of typhoid fever in our Army that is in the State of Delaware, we would have up to March 31st, more than 50,000 cases of typhoid fever, with probably 5,000 deaths. We today and up to date have had but few cases, so few in fact that we say typhoid fever does not exist in the Army. (Applause.)

When this war began we were without personnel. The Medical Corps consisted of 433 officers; the Medical Reserve Corps consisted of less than 600 officers actually under commission, over

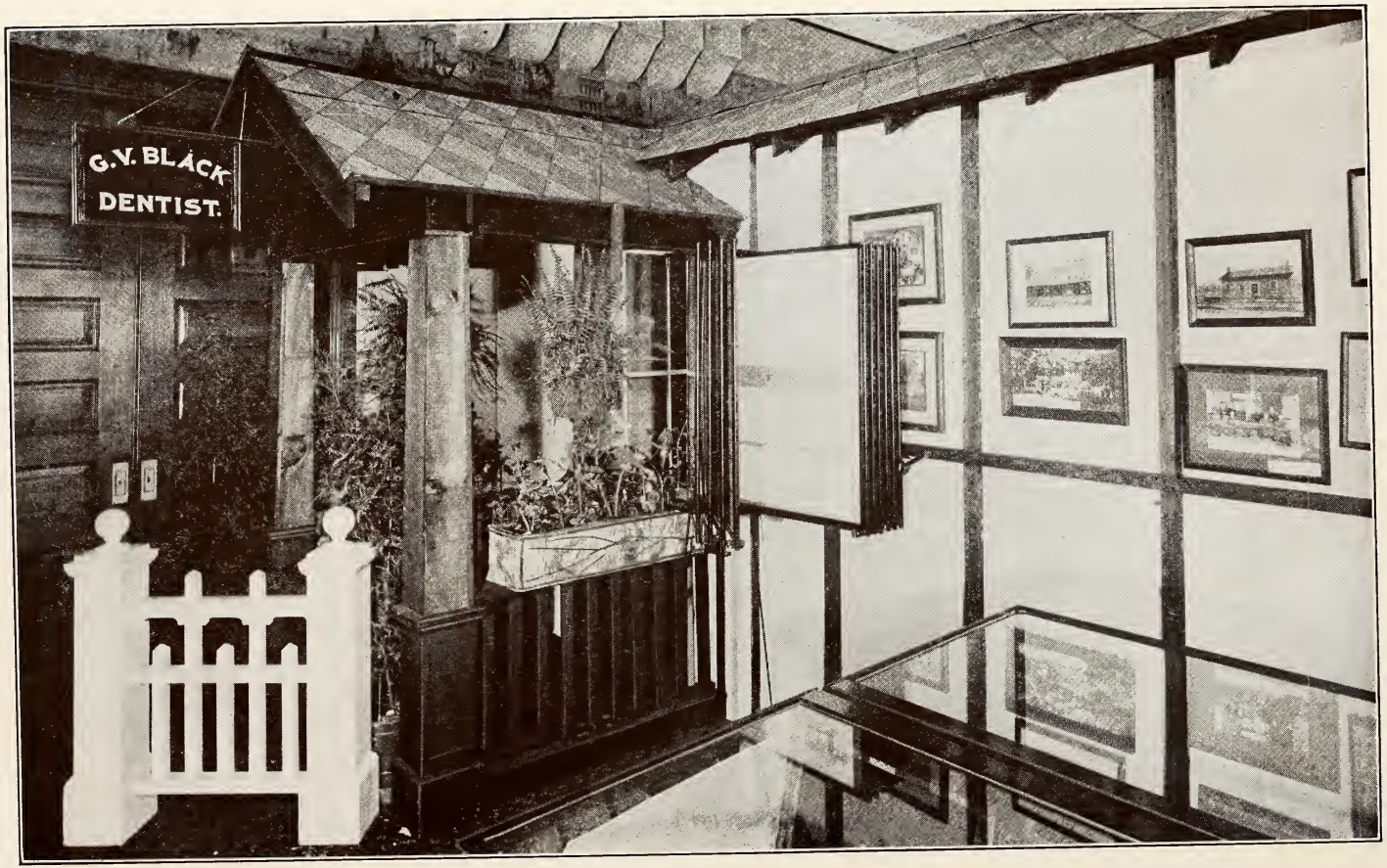
300 of whom were on actual duty. This was not a pleasant prospect, for we foresaw the Army would number millions. We had examined and recommended for commissions a large number of officers or applicants. But doctors, as a rule, do not read what is sent them. They would receive their commissions, they would file their oath of acceptance in a desk, and hang the commissions on the wall and wonder why they were not called into active service. We were nervous over the situation, and one morning decided to wire a few of these officers. That night we sent out 5500 telegrams asking those who had been recommended for commissions to wire their acceptance to the Surgeon General, and to the Adjutant General of the Army. By evening the next day we had received over 2000 acceptances to those commissions; we then felt that we could look after the health of the Army. We ordered into active duty as much of the reserve as we needed. We sent them to training camps where they were taught the duties of the medical officer.

There is a prevalent opinion that a man because he is a medical man can make without training a medical officer. The duties of medical officer are different from the duties of the practitioner of medicine in civil life. In civil life the medical practitioner's duties are merely those of taking care of the sick; with us, it is the prevention of disease, and with the prevention of disease we justify our existence.

In the draft age of men between 21 and 31, the average death rate of men of this age is about 8 per 1000 per annum. In 13 of our camps we have a death rate of less than 8 per 1000. In 5 other camps we ran a death rate of from 8 to 15 per 1000, and in 4 others, dividing the National Army from the National Guard Camps, we had from 9 to 16 deaths per thousand, and in four camps, both of the National Guard, we have had a higher death rate, and strange to say, that in the south the death rate is the highest. That was attributed to two reasons. Personally, I think these two reasons are practically the same, that the death rate had been much higher among the rural than among the urban soldiers; that the death rate was much higher among southern than among northern soldiers. The south is a rural country, while the north has an urban population. The south was without that immunity from diseases of childhood which the north enjoyed. In the south measles swept all camps of southern soldiers. The soldiers from the north were immune in these camps. It seems to me that these two reasons are exactly the same.

Another thing that the army has done is to build a hospital system. When this war began we had 4000 beds approximately in the United States; today we have more than 100,000. Those hospitals are organized as no other hospitals are in the United States. We have no visiting staffs in these hospitals; all the staffs are internists. In your hospitals you have an intern or interns who are recent graduates. Our interns are those men who are attending surgeons and physicians at the civil hospitals. They are on duty in these hospitals for 24 hours during the day, and at no time will the sick soldier be without medical attention or be out of call of the very best service the country can give. (Applause.)

In the organization for war we did not take into consideration that it was only a well rounded and well trained Medical Department that was an efficient department. We therefore, for the first time in history, called into the service the dental profession. This profession, as Colonel Logan has told you, has responded as no other profession has done. (Applause.) Ninety-eight per cent of all applicants accepted their commissions; we closed the examinations because we had enough officers to meet the needs of an army of more than 5,000,000 men. The boards especially were slow in being established



Entrance to Black Exhibit—National Dental Association Meeting, Chicago, August 5-9, 1918.

for the reason that the law required that the examining papers must be signed by a commissioned officer. How we got around it I will not tell you, but suffice it to say, the papers that went in were legal and were accepted from those boys.

The Medical Department has also equipped the Army with all of its supplies. We expended during the past fiscal year more money for supplies than was appropriated for the support of the Army for rivers and harbors and fortifications during the fiscal year of 1917 and 1918. (Applause.) In the year 1919 we will spend on supplies, hospitals and construction about twice as much as we spent in 1917 and 1918. Congress has been more than kind; they have refused nothing, nor will they refuse us anything if we can show there is a logical reason for granting it.

The Medical Department of the Army has also supplied the Allies over 1100 medical officers; we have supplied several hundred nurses, and to two countries we have supplied ambulance companies. We have met our needs. We have met the needs of our Allies; we have justified our existence. I have often made the remark, which is not original with me, that an army is an administrative organization of which the Medical Corps is the conserving agency, and that is the reason for our existence. We save life; we place men back in service; we save for the government more than the cost of our past wars. You cannot reckon the life of a man in dollars and cents. We now return to the firing line 85 per cent of the wounded. (Applause.) Of the men operated on, we get more than 90 per cent of primary union, and of the 15 per cent of men who are not returned to the firing line, we will make more than 50 per cent of those fit to earn an honest living and contribute to the productive wealth of the country. (Applause.) In a large per cent of the remainder it will be unnecessary to teach them new trades or new occupations, they will be able to enter again upon their previous occupations. For the first time in the history of the nations of the world they have taken stock of the usefulness of a Medical Department and medical service in the Army in conserving human life. This is true of all the nations now engaged in this war. We have profited by the mistakes of others, and when this war is over we will have men who have been maimed restored as useful members of society, who will be able to earn their living, who will not, as in the past, be pensioners or objects of charity. It is in this way that the medical profession has earned its right to exist as an organized part of an army, because it saves to the country the lives of men that would be uselessly sacrificed. (Loud applause.)

President Logan: "Of the next speaker it can truthfully be said that wherever surgical procedures are discussed or recorded without regard to tongue, the thought is conveyed that the achievements of the Mayos justly place them in the small group of really brilliant men whose names are so indellibly written in history they will endure for all time. This distinguished physician has not only been a great aid in the progress of the medical profession but he has been and is a true friend of dentistry.

"Three years ago Colonel Mayo appeared before the Chicago Dental Society and discussed the relationship existing between chronic focal infections associated with teeth and their systemic effects. He closed his oration with the following statement and interrogation—'the next great important step in preventive medicine should be taken by the dental profession, the question is will they do it?'

"Ladies and Gentlemen, three years have passed and I have reason to know that Colonel Mayo in that time has become more intimately acquainted not only with the aims but the progress the dental profession has been making and I am led to believe that he has become convinced, that the health of all of our

people can only be properly safeguarded by a co-operation on the part of the dental and medical professions.

"Before calling upon Colonel Mayo, I am sure the National Dental Association would desire that I convey their very kind regards and the hearty appreciation they feel for him as a distinguished surgeon and friend of the dental profession. Ladies and Gentlemen, the progress the medical profession has made during the present war will now be discussed by Colonel C. H. Mayo."

MEDICAL PROGRESS AS DEVELOPED BY WAR.

By Col. Charles H. Mayo, M. C., N. A., U. S. A., Rochester, Minn.

It is with great pleasure that I, as a representative of medicine, attend this historic meeting of American dentists.

We of the American Medical Association appreciate the remarkable growth and development of this, our step-child.

We wonder what there is about modern dentistry which gives the pep and everlasting youth in evidence. You will certainly all be caught by the draft. If children don't cry for you, I can assure you that when man approaches his third dentition and finds they are held in by suction he immediately attaches himself to a dentist for life.

The erection of a memorial to Dr. G. V. Black is most stimulating to professional life, as ordinarily there is little attention paid to perpetuate the memory of those to whom we owe progress.

The great monuments of the world have always been erected to those who take life by wholesale. As a member of your National Research Board, I congratulate your Association upon the appreciation of the modern method of progress to the degree that you finance this great work out of your own pocket. But to the war, when two or more are gathered the topic naturally reverts to war and how our view point is changing is illustrated by the latest from the Alabama regiment whose members are noted for their natural humor.

One of their boys was on guard in a front trench in a sector under severe shell fire. The patrol came along and heard the guard talking and asked him to whom he was speaking. "I was just saying to myself (a shell explosion then covered them with dirt) that was a 155. I was saying about where I was at just a year ago to-night." As they were again covered with dirt he said "that was 114, and that last crack was a 77. Just one year ago to-night a little son-of-a-gun with a 22 revolver held me up and took away all my money." (Laughter.)

The world of science, mechanics and industries has been speeded up by war, as much being accomplished in the brief period of four years as would have taken many years to develop under normal conditions. We have rivaled the birds in our control of the air and the fish in the development of submarine activity. Wireless electricity is manufactured in vest pocket editions, while the white coal of water power is rapidly conserving our energy. This war has differed from those of the past in its trench development and lack of opportunity except at rare intervals of developing strategy. Everything has apparently depended upon power. The nations are mobilized to back the soldiers. It is a war then of science, of business and of all the people.

If we review the war as a business, how does it differ from those of the past? In the final settlement of wars there is but little mention of the lost morale and lost man power incident to disease and the enormous permanent disability due to infection of wounds. The thousands upon thousands permanently disabled by venereal disease carried home to destroy civilian communities have not

been appreciated. Our losses by disease in the Spanish War were fourteen to one, from injury carried into some thousands.

This is a war then of science. In the first receiving healthy men for service, examination showed that in the third decade of life nearly 35% were physically unfitted for duty, 25% suffering from the effect of preventable uncured or untreated diseases. In some of the Southern districts 30% of those accepted were suffering from hook worm and are now cured. Contagious eye diseases were prevalent. The majority were in need of dentistry. When a recruit reaches camp he is vaccinated and given an immunizing serum to prevent small-pox, typhoid and para-typhoid fever. When injured he is treated again to prevent tetanus. The results of these measures now become apparent to millions of the intelligent youth and to our people at home and will advance public health control problems above the level of discussion with the ignorant or wilful obstructionist.

Our people were much worried over the sickness prevailing in our training camps during the last winter. The rapidity of construction, primary lack of supplies threw an extraordinary burden upon the medical department. The Surgeon General was able to show this spring that the work had been so well done that the mortality rate was better than at their home. In fact it was two and one-half times better than the best previous record, that of the Japanese, which was 20 to 1,000, and was for long the admiration of military medicine.

In the emergency of the recent drive the Medical Department developed over night, as it were, several enormous evacuation hospitals in and near Paris with thousands of beds. Over there are the best medical minds working under the strain of necessity. Marvelous advances have been made by them in the treatment of wounds by primary knife sterilization and early closure and in the case of burns, infection and fractures have greatly shortened the former period of disability, preserving limbs and returning again to the line the healed and trained soldiers, each worthy several recruits. These results, as proven in wholesale manner, will be brought back to our people to the advantage of industrial and civilian life.

The Surgeon General has developed in the Medical Service and also in the Council of Defense a multitude of committees who are working upon problems of infection, insect carriers of disease, and the world thinks the name of Gorgas when this phase of disease is mentioned. Gas defense, shock and many problems of medical research and those of allied sciences are being developed. Medical men are used to the dangers of life in the care of disease. Their units were the first in Europe and suffered the first reported casualties.

The government has called to service 30% of the available medical and surgical service of our country. A like amount being drawn from the visiting staffs of hospitals and many, many more are needed for our ever growing army. These men are rapidly being trained in the military duties and those problems which differ from civilian needs. That the goal of medicine should be set high, Gen. Gorgas wisely placed representative men at the head of the many divisions of surgery, medicine and laboratories and made them responsible for the work of the division. The great dental department under Col. Logan is the last word in the line of prevention of those disabilities local and general, which come from diseased teeth, and are an advance upon the theory of Napoleon that an army traveled upon its stomach. One of the greatest assets of our government and especially of the Medical Department is the Surgeon General himself, whose integrity and character is a bulwark of medical defense and satisfies our people that their sons, brothers and husbands are getting the best of care. In his plan for the reconstruction of the disabled soldier he has

Black Exhibit, Chicago, August 5-9—Exhibiting Medals, Diplomas, Scientific Instruments, Inventions, Manuscript and Other Historical Material.

solved one of the great problems of the war and in charge of this work is placed one of the greatest medical minds of the world, Col. Frank Billings.

That the educational laws of our country are woefully lax were shown by our draft in the great numbers who were compelled to sign their names with a mark and the many thousands, even those who were born here, who could not speak our language. The need of revision of our educational methods unchanging for 200 years is very apparent if we are to meet the needs of modern life. Our health problem first concerns the babies. Medical skill has advanced the age of man several years within a few decades and this was accomplished mainly by saving more babies. The baby runs several times greater danger of not living one year than do soldiers in the trenches. Many of these causes of destruction are preventable and thru the organization now developed to win the war will be of children, now living between 12 and 17 years old. Germany with 84,000,000 population has 225,000 more who will come to the age of 18 each year in the next five years than have we with 114,000,000 people.

Germany raised hers for the avowed purpose of cannon fodder. We need ours for industry. When for many years the nations of Europe bore the burden of birth, education and development of our labor, and sent them to us as immigrants without expense to us and labor was cheap we took no care of it, bad food, housing, sanitation and hygiene, with few preventive measures against accidents, did not make sufficient inroads upon the supply to raise appreciable costs. There is now a 6% accident and sickness loss in our country. Under improved conditions 3% of this is avoidable. Industry is now realizing that immigration is over for many years and is ready for any measure which will preserve the life, health and happiness of the laborer who is now indeed worthy of his hire. By the forced introspection which has come to us by presenting to the world the freedom of man and with it a rational vital democracy which also bears with it man's responsibility, we find that war has come just in time for our own national reconstruction. (Applause.)

President Logan: "Fourteen years ago the medical profession organized a committee which was known as the Council of Medical Education of America, and its duties were to inspect and classify the medical schools of this country, that students who sought medical training would know before entering the standard of the college they were seeking to be graduated from. The results obtained have justified its existence for more has been accomplished in the way of elevating medical education in the last decade and a half, than in the previous seventy-five years. One of the influential workers to establish this elevation of medical standards, has consented to present this question for your consideration tonight.

"Colonel Arnold is the Dean of the Post-Graduate School of Harvard University and Chairman of the Council on Medical Education of the American Medical Association and his military duties in the Surgeon General's office have to do with the enlistments in the Enlisted Medical Reserve Corps of the Medical Department. Because of his wide experience gained in the standardization of medical colleges he has been able to render most efficient service to the Dental Educational Council of America in their classification of Dental Schools of this country. To the college men here assembled, I wish to say as a result of almost daily conference in the past few months in the Surgeon General's office, I have learned to look upon him as one possessing a keen appreciation of the entire professional educational problem of this country and with it all a sincerity and honesty of purpose that should win and hold the confidence of those with whom he comes in contact."

THE BENEFITS TO THE MEDICAL PROFESSION AND SCHOOLS FROM HIGHER EDUCATIONAL STANDARDS.

By Lt. Col. Horace D. Arnold, M. C., N. A., Washington, D. C.

Your President suggested that at this time, when the dental profession is giving serious attention to the problem of the standards for dental education, it would be interesting and instructive to present to you a brief statement of the results accomplished in recent years by the medical profession, in raising the standards of medical education. I accepted his invitation to speak on this subject because, as Chairman of the Council on Medical Education of the American Medical Association, I can speak authoritatively in regard to the accomplishments and aims of that body; and, as the officer in the office of the Surgeon General of the Army who is charged with the supervision of dental students and schools, I have had occasion to study and to become familiar with many of the problems of dental education. As might naturally be inferred, many of the problems are the same in dental as in medical education, and the general principles are, or should be, the same; so that much of our experience will have a definite value for you, as you follow in the path of progress. On the other hand there are some problems peculiar to dentistry; and the best results would not be obtained in these instances by merely copying the details of the regulations in medicine.

The war itself, directly and indirectly, has forced upon us the serious consideration of these problems in professional education. We are engaged in a struggle whose magnitude and seriousness will tax our utmost resources. Under such conditions the efficiency of our methods in every walk of life must be studied, and our methods and ideas revised so as to obtain the best results. This applies to professional education as well as to business. The resulting improvements will continue after the war and will constitute one of the beneficial by-products of the war. It is to the credit of the dental profession that it had already embarked upon the campaign of raising standards in dental education, and had accomplished much toward this end before the war began, and that now it is only necessary to speed up a program that would have been carried out under normal conditions,—tho in a much longer time. The earnestness of your devotion to the principles that underlie the position of our Country in this world struggle will, I am sure, lead to a prompt, wise and satisfactory solution of these problems.

Two other factors, incidents of the war, should be incentives to raise standards, as a matter of professional pride. First the war has shown to many of us —to many of you—a wider field for greater intelligence and skill in dentistry than was realized before. The realization of this has added much to the reputation of the profession of dentistry; you have more to live up to; consequently you must be more exacting in the selection of those who will represent the profession. The other factor is the winning of recognition in the Army on an equality with physicians. You have won legal equality. Don't rest satisfied until you have won from your medical brothers full and frank recognition of equality based on intellectual and personal qualifications. Many of you enjoy this distinction already as individuals; but, viewed as a class, you can not expect such recognitions so long as your educational requirements are materially lower, so long as your schools are indifferent to the ideals of the highest type of educational institutions, nor so long as the profession is tolerant of a spirit of commercialism.

Dentistry, more than medicine, calls

for technical skill on the part of all of its devotees; but technical skill alone, even of the highest grade, utilized solely for personal gain, can make of dentistry only a high-class trade—not a profession. Not only special knowledge, but skill and judgment in its application, intelligence of high order, and an unselfish devotion to the interest of others are essential characteristics of a professional man; and the general estimation of a given profession will be based upon the extent to which these ideals are exemplified by its members.

Do not infer that I think that all physicians meet these requirements fully and that dentists, as a rule, are lacking in this respect. Such an opinion would not be warranted by the facts. Nevertheless, the lower educational requirements, combined with greater tolerance of commercialism, both in the schools and in the practice of the profession, are handicaps in your efforts to secure that frank recognition of equality from the medical profession, which you seek and which it is not beyond your power to obtain. I speak in friendly suggestion, rather than in criticism; as one who has been active in the attempt to eliminate these same evils from the medical profession—and as one whose recent close relations to the dental profession have given rather unusual opportunities to study the actual conditions. And I would make it clear that this closer acquaintance with your profession has increased my respect for it, and has given me a feeling of great confidence that its future development will be a matter of the greatest satisfaction to all of us.

It is because these matters depend so much on the standards and the character of the work in the dental schools, that the recent work of the Dental Educational Council is of very great importance to the whole profession of dentistry. It is also a reason why the experiences of the medical profession along these same lines should be of interest to you.

Improvement in medical education was one of the objects for which the American Medical Association was founded, some seventy years ago. However, little satisfactory progress was made until the Association, about the beginning of the present century, began systematic work in the study of the problems of Medical Education, and later put the full force of its power back of systematic work for raising of standards. It was in 1900 that the Journal of the American Medical Association first began the collection of statistics about medical colleges, students, and graduates. In 1901 the first Educational Number of the Journal was published,—and such a number of the Journal has been published annually since then. About the middle of August, at that time there were 159 medical colleges, many of which were joint corporations, conducted largely for profit. Admission requirements were nominal. Few medical schools had endowments. Well-equipped laboratories were scarce, and salaried teachers, who devoted their time wholly to teaching, were still more scarce. The gathering and publication of these statistics, however, had little effect, altho it revealed a very unsatisfactory state of affairs. Concerted action in the establishment of standards and in the efforts to secure improvement of these conditions was necessary, and in 1904 the Council on Medical Education was established. The next year the position of an all-time, salaried secretary was created. The success which has been attained has been due not only to this system of organization, but largely to the energy and devotion of two men, Dr. Arthur Dean Bevan, who was chairman of the Council from its beginning until 1917, when he was elected President of the Association,—and Dr. N. P. Colwell, who was the first Secretary and still holds that office.

Organized work, sufficient means and time, and continuity of policy are as essential to success, as is wisdom in the determination of standards. I shall

take the privilege in this paper of making certain suggestions for the consideration of your Association, based upon our own experience in these matters, and upon my observations of the work in this same field now being carried on by the dental profession. And it seems advisable to make these suggestions as the topics come up, even tho the continuity of my story is thereby disturbed.

The plan of organization of your Dental Educational Council is admirable, representing, as it does, your national association, the association of dental schools, and the state boards. It secures the co-ordination of the efforts of these three important bodies. The Council on Medical Education formally represents only our national association; but we have tried to secure the co-operation of the Association of American Medical Colleges and of the Federation of State Medical Boards by inviting each of these bodies to send a representative to all meetings of the Council. These representatives are given the same rights as the members of the Council itself, except the formal right to vote. Furthermore, arrangements have been made whereby the annual meetings of these two organizations are held at the same time as the Conference on Medical Education, which is the annual gathering, under the auspices of the Council, of those interested in medical education. The combination of the meetings of these three organizations has been most satisfactory to all concerned, and has practically secured the same co-ordination of efforts, which you have assured by the representation of the corresponding bodies in the membership of the Dental Educational Council.

In one respect, however, your plan of organization could be improved by adopting the method of the American Medical Association,—by having your representatives on the Dental Educational Council serve for a period of five years each, having the terms of service so arranged that only one of these representatives goes off from the Council each year. You may, of course, get the same result by re-appointing the members for several annual terms in succession, but your present system does not assure that continuity of policy, which is essential in such matters. It would be possible, under present conditions, for one or two men,—heads of the constituent associations,—to materially change the policy of the Council by a radical change in the personnel of those appointed to the Council.

A sufficient financial support must be given to the Council, if its work is to be effective. As a practical measure, this support should come chiefly from the National Association. This is the Association that can best afford adequate financial support. The results, as I have pointed out, affect the standing and reputation of the whole profession, and of the individual members, fully as much as it affects the schools. Such contribution as is made by the schools should be made by all schools affected, on some fair basis of proportion. It is undesirable, for several reasons which will readily occur to you, to have the remuneration of the Council depend upon payments made only, or chiefly, by schools which have been inspected, and upon which the Council must pass judgment. The amount of work done by the Council will soon bring up for your consideration the problem of the adequate remuneration of the Secretary, or other executive officer; for no one or two persons can afford to contribute for an indefinite period the amount of time that the proper performance of this work entails. I make this suggestion, because I realize how much of the success of our own Council has depended upon the fact that we have had in our Secretary a competent all-time executive officer.

Resuming now the story of the Council on Medical Education, which was established fourteen years ago, that body found that the number of medical schools in this country,—the highest

number 161 in 1906,—exceeded the total in all the rest of the world. The character of these schools was in general unsatisfactory, as pointed out above. Instead of being, as in the case of medical schools abroad, departments of strong universities, liberally financed by government or private agencies, a very large proportion of our medical schools were privately owned or had only a loose affiliation with universities, and were essentially dependent upon the fees of students for their income. Some of them even on this basis, were well-paying business undertakings rather than educational institutions, because they made such good returns upon the money invested. Contrast with this the statistics obtained two years ago, which show that for every $150 paid by the medical student to the medical schools of this country, the medical schools expended $419—or nearly three times as much. It follows, that, if the dental schools are to try to approach the standards of the medical schools and meet the requirements of a modern scientific education, the proprietary school is doomed, and that large endowments or other sources of income must be sought. You do not need to be told that such financial support can best be secured when the school is a regular department of a strong university.

The measure of improvement in educational standards by financial cost is, of course, a somewhat crude method; but it has the advantage that it is concrete and easily grasped. Suffice it to say that the detailed study of the changes in the course of study, in the methods of teaching, and in the opportunities for training show an even greater improvement brought about by this movement for higher education in medicine.

But the advance in the medical course tells only part of the story of improvement. A better preparation, and therefore a better capacity, for study was secured by raising the entrance requirements. When the Council on Medical Education began its work, only four medical schools in the country were requiring any college work for admission, and a large majority were not even requiring a four-year high school education. At present more than 80 per cent of the schools require for admission to the freshman class, in addition to a four-year course in an accredited high school, two years in an approved college—including courses of specified length in the sciences of Chemistry, Physics, and Biology, and a reading knowledge of French or German. The importance of this advance in the entrance requirements lies in the fact that such a thoro preliminary education is essential to enable the student to master the present-day medical course.

These measures have resulted in a marked reduction in the number of medical schools. Some, especially the poorer schools, have simply ceased to exist. In other instances two or more weak schools have combined their resources to make a stronger institution. There are now 88 medical schools, of which 69 are in Class A; 12 are in Class B; and 7 are in Class C. The existing schools are stronger and better equipped in every way, and are abundantly able to supply the normal need of the country for physicians.

The number of medical students and graduates has naturally undergone a reduction also. At the beginning of this work the number of students was 28,142, and the number of graduates 5,747. The number of students a year ago was 13,764; and the number of graduates 3,379. These figures are given, rather than those for the year just passed, because the comparison illustrates better the changes due to standards, and does not include such changes as should be more properly ascribed to war conditions.

The following figures showing the changes in the past five years, illustrate the character of the changes for the whole period of improvement:

	COLLEGES RATED IN CLASS		
(Year)	A.....%	B.....%	C.....%
1913	11,122...65.4	4,158...24.4	1,735...10.2
1917	11,317...82.2	1,761...12.8	686... 5.0

	COLLEGES RATED IN CLASS		
(Year)	A.....%	B.....%	C.....%
1913	2,539...63.8	1,050...26.4	392... 9.8

It will be noted that the reduction in the numbers of students and graduates has come chiefly among the low-grade colleges; that there has been a slight numerical increase in these numbers in the Class A schools; and especially that there has been a much more marked increase in the percentage of the students attending these high grade schools. The general experience with raising entrance requirements may be stated as an immediate reduction in the number of students entering the school, but a fairly quick recovery if it is a good school, and in many cases a still larger final registration.

An important measure in securing this advance in medical education has been the classification of the schools into three classes—A, B and C. In general, Class A has represented a satisfactory standard of medical education; Class B has included those schools which failed to meet these requirements, but were capable of doing so thru improvements of a minor nature; and Class C has included those schools that were so deficient as to need complete reorganization in order to meet the requirements. I need not go into the details of such a classification, for the Dental Educational Council has adopted a similar basis for classification, admirably adapted to the needs of the dental profession in this respect.

The essential features of such a classification must be its reasonableness of standards, and its just and impartial application. Its standard can not be ideal, nor so far advanced as to disqualify a large proportion of the schools. By disqualification I mean grading in Class C. But, if the standard is set so low that it does not disqualify some schools, then it is useless, because it would not represent an improvement over existing conditions. And so it follows that any classification of this character is necessarily attended by keen disappointment on the part of those schools that receive the low rating, and on the part of the teachers associated with these schools.

The position on the Council, therefore carries with it the performance of disagreeable duties, and often the necessity of adverse decision against, and even of positive injury to one's friends. Such personal considerations should not have weight, however; for any decisions on such a basis not only would not be just but they would weaken the efficiency of the whole structure of classification by lessening the confidence in it.

I have had the privilege of attending, in an advisory capacity, the meetings of the Dental Educational Council at which this first definite classification of dental schools was made. I wish to report to your association that I think the principles of classification that have been adopted are reasonable, in the present stage of dental education; that they are well adapted for the purpose and that these principles have been administered with good judgment, fairly, and impartially. There was a notable freedom from personal bias, and a wise refusal to accept promises in place of accomplishment. If you can always be represented by as loyal, fair-minded men, you will indeed be fortunate. I am not paying you fulsome compliments, but am expressing my firm convictions in this matter. I have taken the liberty of making this report partly because I think these gentlemen deserve it, but chiefly because I realize the importance of a feeling of confidence on the part of the profession that the work of the Council is well done.

In many respects the condition of educational affairs in dentistry today resembles the conditions in medicine ten or more years ago. In remedying these

conditions, you will advance by much the same steps and methods as in the case of medicine. Let me say one word of caution. Don't try to do this all in one jump, but progress step by step, as conditions warrant. Of course, you can not attain your end by standing still; you must keep making progress in advance; you will not need to take ten years to do what the Council on Medical Education accomplished in that time, because the road has been broken out for you; but if you set too fast a pace, and the average *good* school can not keep up with the procession, you will delay rather than hasten real progress.

I trust that you will understand the real spirit in which this address is made. I have no feeling of a superior who condescendingly gives advice; the medical profession is not lecturing the profession of dentistry; rather is the position like that of our allies in this war, who were thrown first into the war and are glad to give our country the benefit of what they have learned by experience in the methods of modern warfare. And so we welcome you to our side, in this fight for higher educational standards, and of better service for the community. I esteem it a privilege to be allowed to do my little bit toward the advancement of dentistry, and toward the proper alignment of dentistry in closer and more harmonious relation to medicine.

WEDNESDAY EVENING, AUG. 7, 1918—THIRD GENERAL SESSION.

This session was a patriotic one, and was called to order at 8:20 P. M. by President Logan.

Dr. Donald M. Gallie, of Chicago, presented a service flag on behalf of the Local Committee to the National Dental Association.

Major C. Victor Vignes, D. R. C., New Orleans, Louisiana, accepted the flag on behalf of the National Dental Association.

Lieut. Vasile Stoica, Roumanian Legation, Washington, D. C., delivered an address entitled "My Experience on the Battle Front as a Soldier with the Roumanian Army."

Senator William E. Borah of the United States Senate, from Idaho, delivered a patriotic address.

Music was furnished by the Jackie Band from the Great Lakes Naval Training Station.

Adjourned.

PATRIOTIC SESSION, CHICAGO, ILLINOIS.

ADDRESSES BY DONALD M. GALLIE, C. VICTOR VIGNES, SENATOR BORAH AND LIEUT. VASILE STOICA.

President Logan: The first part of the program this evening is the presentation of a service flag by a man who can very appropriately present such to the National Dental Association. Every member of his family under 45 years of age, in every branch of his family, is in the service, and his only son to-night is on the western front.

I have the very great pleasure of introducing to you one of our own Chicago men to present this service flag to the National Dental Association, Dr. Donald M. Gallie. (Applause.)

PRESENTATION OF SERVICE FLAG.

By Donald M. Gallie, D. D. S., Chicago, Ill.

IN 1914, when the great world war started, the question on the tongue of every American was, when will we get into this great struggle? Anxious for peace, a peace loving people we submitted for a time to all kinds of insults and indignities, but about 15 months ago War was declared by the United States against Germany. You all know that we had critics and croakers, some loyal and some more disloyal, who said we will not be able to make use of our men; we are too late; we are too unprepared. You are all familiar with the rapid legislation and the splendid conscription law that was passed in the quickest time of any country in this great struggle. Many pessimistic prophesies were made. They said we could not get men. Yet 40 camps were crowded in as many days. It was said that we could not furnish munitions because we did not have the facilities. Take a trip to any of the great manufacturing centers and you will see night and day blast furnaces going, and numberless manufacturing industries preparing munitions for this great struggle. It was said that we could not furnish ships, and the answer was ninety-four launched on the fourth of July (applause) and the report of yesterday was to the effect that during the month of July 126 great ships had been launched, and it was said that if we get into the struggle our boys would be unfit. How about the Chateau Thierry? It was claimed that for everyone killed by a bullet a dozen would die from disease. Such people forget that we have in the Medical Department of the Army, a man who is so skillful that he made it possible to accomplish one of the greatest engineering feats of all time, namely, the building of the Panama Canal. DeLesseps (the great French engineer) knew how it could be done, and French mechanics built machinery for that purpose. They tried it, but found they could not keep white men alive long enough to work the machinery to complete the canal. When this country took hold of it; Wallace,

Stevens and Goethals also would have failed had it not been for the genius of the present Surgeon General of the Army, Surgeon General Gorgas. (Applause.) He made it possible for white men to live there and work there, because he cleaned out the Canal Zone of that terrible pestilence yellow fever, as well as malaria. It was this distinguished gentleman who made the Panama Canal Zone habitable and as healthy as other places. After this he became the head of the Medical Department of the Army, and with the skill and with that genius for organization that is so characteristic of him, he surrounded himself with capable associates in the War Department, so that when war was declared, while he had but few in the Medical Corps and fewer of course in the Dental Corps, he started this great organization, and those of you who were here last night heard the condition of the Army clearly described and heard the figures given by Brigadier-General Noble. Instead of having a large number of deaths, say fifty or sixty to the thousand as in the Crimea War, today the American Army is the healthiest army on earth, with only eight deaths to a thousand. (Applause.)

Knowing well the importance of having men in good physical condition before they go to war and the necessity of keeping them fit while at war, General Gorgas and his department have left nothing undone. He appreciated the importance of the part that the Dental profession could play in this great war, consequently the dental profession was organized to the end, that the teeth and mouths of our soldiers were put in a healthy condition and will be kept in a healthy condition. To carry on this work a meeting was called of representatives of our profession, and among them was the President of this great National Dental Association, Colonel Logan. He made many trips to Washington to confer with the Medical Department, and in time he was selected to be the chief representative of the dental profession in Washington, and how well he has succeeded is known to all the members of our profession. I will say to this large audience, many of whom are not associated with the dental profession, that the work of Colonel Logan has been such that his colleagues are proud of him, and I want to assure the Surgeon General that we think he made no mistake in selecting this man. I will further say that the whole dental profession is back of you, Surgeon General Gorgas, and we are back of Colonel Logan in everything he is striving to do in Washington. (Applause.)

When Colonel Logan took hold of this work there were seventy or eighty dentists in the Medical Department, and from this small beginning we have seen the number grow into the thousands and thousands. It required time, skill and energy to build up this organization, but how well the profession has responded is best told by this evidence. I have the honor to-night to present to the National Dental Association this service flag, (pointing to the flag) with 5,981 members of the Dental Reserve Corps. (Applause.) This flag, my friends, speaks more eloquently than anything I can say of how the dental profession has responded to the call, and I want to say, General Gorgas and Colonel Logan, when the call comes for more men, I can best answer by telling a story I heard a distinguished Canadian surgeon tell at the great meeting of the American Medical Association a few weeks ago.

Colonel Herbert Bruce, of Canada, told this story. When Great Britain sent her expedition to Ashantee, and a Colonel of the Scotch Guards was addressing his men, he said: I will not command any one to go on this expedition; there will be suffering; there will be misery; there will be hardships; there may be death. Let every man who will volunteer to follow me take one pace to the front." So saying, he turned

his head so as to give the men time to think and to act. Looking around, a flash of indignation went over his face as he saw the line was as solid as it had been before. He turned to his men and said with a touch of scorn, "My God, the Scotch Guards, and not a single volunteer." A sergeant, touched to the quick at the rebuke, rushed toward the colonel and said, "Sir, that whole line stepped forward." (Applause.) So at any time when the call comes for more men, our profession, to a man, will step forward in the line. (Loud applause.)

President Logan: The response to the presentation of the service flag will be made by the President-Elect of the National Dental Association, Major Vignes, a man who gave up his position as dean in a dental school in the south to accept a lieutenancy and no questions asked. I take great pleasure in introducing to you Major Vignes. (Applause.)

ADDRESS OF ACCEPTANCE.

By C. Victor Vignes, D. D. S., New Orleans, La.

It is with exceeding great pleasure that I receive for the National Dental Association this service flag, so feelingly and eloquently presented by Dr. Gallie on the part of the local committee.

It has been my duty in the past few months to visit and inspect the dental service of a large number of cantonments, camps and posts thruout the country. I saw with what zeal, earnestness and devotion the officers were serving their country. They recognize fully "that dentistry is in the trenches," and that theirs is the duty to make the enlisted men dentally fit before being sent overseas. I know that many of these officers made real sacrifices to undertake this work; impelled not only by love of country, but by a sincere desire to pay a debt of gratitude to their government for having given such great recognition and privileges to their profession.

Dr. Gallie, I thank you, and thru you, the local committee for this appropriate and much appreciated gift. (Applause.)

President Logan: Many in this hall undoubtedly have listened to the deeds of valor of France and Belgium, but few really know the hardships of Roumania. I have the pleasure of introducing to you a man who served in the Roumanian Army for two or three years. He was wounded four times. He was sent to this country by the original government of Roumania and occupies a place in the Roumanian Legation in this country at this time. It is with great pleasure that I introduce to you Lieut. Vasile Stoica. (Applause.)

MY EXPERIENCE ON THE BATTLE FRONT AS A SOLDIER WITH THE ROUMANIAN ARMY.

By Lieut. Vasile Stoica, Washington, D. C.

I have been asked to tell you something about my war experience, but I confess it openly, that I am a little confused at this idea, and I would rather speak to you briefly of how we can help the boys over there and help to make our allied armies victorious.

This war is not only a war of armies or of nations, but it is a war of mankind, and I think mankind must take part in it with all of its forces.

A nation has two kinds of arms in fighting. We have not only rifles and machine guns and other guns, but we have moral power, and to understand the situation clearly and do justice to

our cause, we must strengthen the consciousness of our nations because this consciousness, when directed in the right channel, is far more powerful than bullets or machine guns. Every idea that passes thru our minds must be directed towards the same purpose, must have as its aim the strengthening of moral power.

Let me not take advantage of this occasion by relating personal adventures on the battlefield to you, but rather talk to you about the nationalities in southeastern Europe that are struggling for freedom and have sacrificed everything to fight that double empire Austro-Hungary. I know this empire because I was one of its subjects. I lived in suppression until November, 1914, when I deserted because I wanted to join those countries that are fighting for liberty and the freedom of mankind.

Very frequently I hear the American people talking about Hungary and extending their sympathy to this double nation. They always point to Austro-Hungary, which is under German rule, as wanting to be free. They always point out that the Hungarians want to join the Allies; they want to start a revolution, but when the American people are better informed with reference to the conditions as they actually exist in southeastern Europe, these things must be rectified.

Austro-Hungary is an empire composed of two absolutely independent countries, each one of which has its own parliament and own government, and no foreign power has a right to interfere with the government of either one of them. Austria proper has a population of about thirty millions of people. Of that number, there are eleven millions of Germans, while the other nineteen millions or twenty millions are composed of Czecho-Slovaks, Poles, Roumanians, and Italians. These eleven millions of Germans are the dominating element in Austria. Everything is in their hands.

In Hungary the situation is different. There are twenty-eight millions of Hungarians, with twelve millions composed of different nationalities. There are four million Roumanians, three and a half millions of Serbians, and two and a half million of Czecho-Slovaks and Lithuanians. In Austro-Hungary these are the ruling elements. The Germans in Austria and the Hungarians in Hungary (altogether twenty millions) are oppressing thirty millions of people. A curious thing which the general public do not understand is that there are large numbers of German Hungarians, Czecho-Slovaks, etc., and all these nations are mixed or intermixed in the same country, but the truth is that every one of these nations lives on the borders in the neighborhood of a free state which has the same language, the same culture, and the same customs.

In Transylvania, the eastern part of Hungary, in the Bukowina, there are four million Roumanians living in the neighborhood of Roumania. In the south, near Serbia, there are five million of Jugo-Slavs living in contact with Serbia. In the northwestern part there are a large number of Czecho-Slovaks with their own traditions and customs.

The Austro-German Hungarians have striven and are striving to bring all these nations into one single race, to form of them a nation which shall speak the same language, but these nations want to be free from Austrian and German rule. They want to join their countrymen who are living on the borders. As you doubtless know, Austro-Hungary is a remnant of the Holy Roman Empire, which was formed in its present constitution under Turkish invasion.

Facsimile of Dr. Black's Reception Room, Jacksonville Office—Black Exhibit, Chicago, August 5-9, 1918.

At the beginning of the fifteenth century the Turks penetrated the Balkans, and the little nations of the Balkans, the Serbians, the Roumanians, always looked for help from the Holy Roman Empire, and it seems that during the sixteenth and seventeenth centuries the Holy Roman Empire had fulfilled its mission in the Orient for serving Christianity. But, ladies and gentlemen, at the beginning of the eighteenth century, the Turkish Empire broke down. From the ruins of the Turkish Empire in Europe new national states, based on democratic principles, were formed, and the French revolution came into being, and these national states have the same purpose, the same aims, namely, in fighting and striving for liberty, and altho under the Hungarian yoke they formed three states in southeastern Europe, Austro-Hungary pledged the different nationalities—Roumanians, Serbians, and Bohemians that they should be free; but it has been the prime object of the Austrians and Germans to crush every sign of independence in the state nationalities.

Hungary is a state of twenty million inhabitants, twelve millions of whom belong to different nationalities, not Hungarians.

In the Hungarian parliament there are four hundred and twenty congressmen, and in this parliament eight million Hungarians have four hundred and twelve representatives, while the twelve million composed of the different nationalities have only eight representatives.

An English author, Mr. Ralph Waston, who spent two years in Austro-Hungary, has studied the political question very carefully and was amazed at the things he saw during the election. The prime minister at the beginning of the Russian war declared openly in parliament during the elections that he only used about one hundred and ninety-four battalions of infantry, one hundred and fourteen of cavalry, and the whole police force of Hungary. He used an army of three hundred thousand men, three times larger I believe than the United States Army at the beginning of the war. That is why, in spite of statements of so many economists of the causes of the war, there is a desire on the part of Germany and Austria to control the situation in the Orient, to take Constantinople and Bagdad, and, at the same time, to pull in all the nationalities of Austro-Hungary, with the unbearable state of oppression which these nations have to suffer. It explains why the three countries entering Austro-Hungary (Serbia, Italy and Roumania) have made great sacrifices in the fight to free themselves from oppression. It explains why the nationalities of Roumania, the Czecho-Slovaks and Jugo-Slavs were waiting for this war.

We are convinced that this war will bring us freedom, and we shall fight to that end.

Ladies and Gentlemen, you all know the tragic story of Serbia and Roumania during the present war. Both were destroyed because both had to face an enemy several times stronger and superior to their own forces. At the beginning of the war, there was an army of 820,000 soldiers, and with this army Roumania had to defend a front of seven hundred and fifty miles, almost twice as long as the French front from the English Channel to Switzerland. Certainly, it was a hard task. The Roumanian Army defended all the mountain passes in the Carpathians, for four mouths, but at the end of that time, as Russian reserves had not arrived, as the Russian supplies had not arrived, as the airplanes which were sent from France went to Siberia instead of to Roumania,

after four months the Roumanian Army was forced to shorten its front and retreat from the southern part of Roumania. After the front was shortened and the Roumanian Army was established on one of the rivers, General Mackensen with his army broke down, and there were not sufficient Germans at that time to fight the Roumanians and Russians to make them give up their line, but as you know the Russian Army became disorganized and deserted us completely. They left their guns and rifles in the trenches and went home. From that time on Roumania was surrounded from every part, and after three months of hard fighting, which was about last March, the Roumanian kingdom was forced to quit which signifies the slavery of our nation.

Roumania before the present war was the most flourishing country of the Balkans. During the war and during the retreat everything was destroyed. Railroads, bridges, channels, tunnels, factories, and oil fields are ruined. Roumania has lost during the present war three hundred thousand soldiers, and three hundred and fifty thousand of the civilian population who fell victims to typhus fever. Roumania has lost about seven hundred and fifty thousand people during the present war. Meanwhile, the Hungarians and Austrians started their wide persecution against the Roumanians in Transylvania and in Hungary. Until 1918 the number of those condemned to death, shot and hanged, in Transylvania was 12,000.

You can imagine, for instance, that from New York to Milwaukee the United States would be completely ruined, with its factories, its railroads, its tunnels, its bridges, and so on, completely destroyed, and its oil fields burnt down. Imagine that you have lost during the present war eleven millions of people in a single year; imagine, at the same time in a country which has the same blood as yours, that the Germans or its enemies have hanged three hundred and sixty thousand people, then you will have some adequate idea of the Roumanian nation at the present day.

What is true of the situation in Roumania is also true of Poland, Siberia, Bohemia, which is now completely crushed by the Hungarians who are forming regiments of Poles in the Bohemian kingdom.

After what I have said, we ought to think of what we can do, how we can help, how we can strengthen our forces on the battlefront to the end that the great cause and principles for which the Allies are fighting will triumph, and which will mean the salvation of the nations of all mankind. (Applause.)

We are firmly convinced that victory will ultimately be ours. We know that from the very moment America entered the war. I was in a hospital lying on a bed from a piece of shell which penetrated and lodged in my lung, and there I became familiar with the melody of the Battle Hymn of the Republic. I sang that hymn and repeated several times "Glory, Glory, Hallelujah." I knew what America's entry into the war would mean, and it is only a matter of time when Germany and Austro-Hungary will be crushed, and then a final and I hope lasting peace for the world will come and freedom for all the nations of the earth established. The oppressed nations are now appealing to America. We are showing America our wounds. We are placing our forces at the disposal of the Allies and saying to them, we are all here. We have our millions. Take them, organize them, win the war, and give us freedom. (Applause.)

President Logan: We have with us this evening a man who has made a national reputation as a legislator, a distinguished man of his country, Senator William Borah, who will address you. (*Applause.*)

PATRIOTIC ADDRESS.

By Senator William E. Borah, of Idaho.

We complain this evening of its being hot, but it is not so hot for us, thank God, as it is for the Kaiser just at this time. (Applause.)

I feel some embarrassment in appearing before this audience this evening for two reasons. In the first place, I realize that I am on the platform with those who are doing things, the active men of this great profession, and a man, who is a member of a body which in popular estimation, generally engages its time in saying things, appears with more or less embarrassment alongside of those who are doing things. The second reason why I am somewhat embarrassed is that I am in the habit of speaking in the Senate of the United States when there is not such a large body present as I am addressing to-night. Sometimes we are more or less embarrased in the Senate in trying to make a speech when there is nobody around. (Laughter.)

There is no class of men in the United States who disclosed an early and complete conprehension of this war more thoroly, than the profession which is represented by the Association under which this meeting is held tonight. The members of your Association began at once active preparation to meet in full the responsibility which rested upon them, and tonight this profession is prepared to serve an army of five million men, and that kind of preparation and enthusiasm which has characterized this profession, is the enthusiasm and preparation which every citizen of the United States must bring himself in touch and in harmony with, before this war shall have closed. (Applause.)

Those of us who are at home, who are not actual members of the Army, fail to realize that we are nevertheless, that we owe a duty, and are an indispensable part of this program, and without which the war cannot be won. The people at home in their several avocations engaged in the different walks of life, do not always feel the spirit and the enthusiasm of those as long as they are not an actual part of the fighting force; nevertheless, my friends, every lawyer, every merchant, every man of every profession, and the entire industrial organizations of the United States are a part of this great war, and the sooner we realize that this is not a war of armies alone, not a war of experts alone, but a war of nations engaging and organizing the entire national forces, the sooner will we drive the Hohenzollerns to their lair. (Applause.)

The world is indebted to President Wilson for his statement of the aims and purposes of this war. This conflict came to us confused with the racial prejudices of the old world. The great underlying principles and policies were stated from the very beginning, but it seemed difficult to disengage and disorganize them from the confusing things which it was difficult for us to understand. But with great clarity and power, the President of the United States did this and in doing so gave new zeal and uncommon purpose to the entire allied cause. His statement of the principles upon which this war is being fought, pushed parallelism and local matters to the background and placed upon a high plane that on which must rest and be ultimately determined the contest for humanity and human liberty. (Applause.) But while this is true, my friends, there is one war aim, one war purpose, simple and direct, and easily understood by all, and that is, that this is a contest for the preservation of this republic and for the maintenance of the principles of human liberty upon which this republic is founded. (Applause.) This is now an American war, carried on for the preservation of American principles and for the expounding and expanding of those policies and principles to the oppressed and depressed na-

tions of Europe. So if we have any difficulty in understanding the war aims and purposes as they are sometimes interwined and intermingled with the affairs foreign, we can bring ourselves to grasp the one simple proposition, and that is, the boys upon the Western Front are fighting for the same principles precisely for which Washington and Lincoln died. (Applause.) And when the casualty lists come from this glorious battle, the noble mothers of this land will have the consolation that their boys gave their lives and devotion for the preservation of this republic, because just as sure as we fail in this war, the ban of disapproval has been placed upon free institutions once and for all. (Applause.)

The last two weeks have been glorious days. It was said that a republic could not make war, but we have demonstrated that it can make war and make it upon short notice. We took the American boys from the American farms, from the factory, from the clothing store, from the professions, and hurried them away to the training camps, and we hurried them from the training camps to the Western Front, and there they have fought hard with such courage, such endurance, such heroism, the most thoroly trained soldiers that the world has ever known, it is one of the marvels of war times. (Applause.)

How is it possible for the American boy to do it? It is because there is in him something which no military training, no power of a Czar or of a Kaiser could ever put there, and that is love of freedom. (Applause.) He is fighting for his home. He is a part of his country. He represents his land. He is not a mere automaton in a military machine, but he is a human being, with a human soul, and therefore he is conquering and he will conquer against the military forces of Germany. (Applause.)

We have passed thru all these years with our form of government, with our conception of free institutions and of civilization. We have builded a little better than most nations. We have a clear and noble conception of our purposes, but we have been somewhat criticised thruout the world as being something of bragarts upon that question. But look upon the Western Front and answer me, have not free institutions justified their existence there today? (Applause.) Is there not something there in the representation of the American flag which inspires the whole fighting forces of the Allies, and which put into the cause that something which it was necessary to have in order to push aside everything except the absolute and complete annihilation of the brutal military forces which have challenged free institutions? (Applause.)

When will the great war be over? It will never end with any degree of safety or security to the free nations of the earth until the Hohenzollerns and the Hapsburgs are utterly broken and destroyed. (Applause.) I am not now speaking of the German people or the German nation as a nation; I am speaking of that organization known as the military ruling power of those governments who have conspired for forty years to bring on this crime and whose soul is animated alone by that of world dominion, and until that is broken and destroyed, neither this nation nor such oppressed nations as are represented by Mr. Stoica here can ever have any permanent peace on earth. (Applause.)

They are talking in these days about a League of Peace. What would you think of a League of Peace with a Hohenzollern in it? (Laughter.) They have broken every contract and every treaty and every obligation ever entered into, when necessity or expediency suggested it, and what would you think of a League of Peace with the Hohenzollerns and Hapsburgs on the outside organizing another league? It would be a movement for another great conflict. If, therefore, we are to have peace, perma-

nent and durable; if the people of the different nations of the world are to be permitted to work out their own destiny in accordance with human principles and human liberty, the Hohenzollern dynasty and Hapsburg dynasty must be utterly destroyed by this war. (Applause.) Therefore, my friends, when this battle is going our way; when the enemy has turned his face towards his own rendezvous and begins to talk of peace, we should simply enlist more men. (Applause.) When the conspirators of Germany and Austria with their benign smiles try to influence you in the matter of peace, let us launch another battleship. (Applause.) We did not seek this war. We did everything that a self-respecting people could do to keep out of it. In my humble judgment, out of a love for peace, out of a love for humanity, we kept out of it too long. Now, if we are going to pay the penalty, we must pay it by reason of that conspiracy in the heart of Europe, and there is only one way for the man who loves free institutions to do, and that is to pledge himself that that conspiracy shall be destroyed and the conspirators shall be taken into custody. (Applause.)

This war in the beginning was a diplomat's war. Those conspirators had been making secret treaties, having secret understandings for forty years. They had met in their secret places and disposed of this small nation and that small nation, and engaged with one end in view to carry on this plan and that plan and behind closed doors had disposed of entire nationalities.

The beginning of the war was the fruit of secret diplomacy in Europe for the last forty years; now let the United States write upon the banner of victory, that one of the prerequisites of peace is that secret diplomacy shall disappear from Europe, and let the people of the United States, particularly the honorable body of which I am a member, have the courage and democratic spirit to say that we will write every single treaty in the future in the open. (Applause.)

My friends, we are paying a fearful price just at the present time for the liberties which we enjoy, and it is rather difficult sometimes, as we look at the service stars in the windows and see, as we all do, in public places letters from agonized mothers thruout the land to find any compensation for the great burdens which have been placed upon us; but no nation ever fought a great war in defense of great principles but was a better, a nobler, a greater nation for having made the fight. (Applause.) No people ever carried on a great war in self-defense or for human liberty or for human freedom that did not come out of the war a more united, a more powerful people than when they entered into the war, and whatever else may happen in this war, the United States will be infinitely stronger, more thoroly united, and more interested in one another, and more interested in the other nations of the earth, and more thoroly an advocate of human liberty than she was before she entered the war. (Applause.)

This war has brought us closer together. We are now engaged in seeing what we can do for one another. We are looking here and there to see where we can co-operate and to build up a more powerful nation. We have been baptized, as it were, again in the principles of humanity, and those people who have come here during the last ten or fifteen years, who were disposed to separate themselves into groups, who were disposed to pay but little attention to American institutions, they too are being drawn in and becoming thoroly a part of us, and are among the best and most thoro and loyal people we have in this country. When the war is over we will be no longer separated into groups nor broken into factions, but we will be united, a determined, a powerful people for the completion of the most magnificent effort that has ever fallen to the lot

of any people, and that is the success of representative government. (Applause.)

We American people have been a little too much interested in our own individual affairs. Heretofore we have been too much interested to pay much attention to the immigrant who comes to this country. We let him get acquainted with American institutions if he can. We let him become imbued with American principles as best he may, but we do not go out and extend the hand of fellowship and teach him the duties and the wonders of a new republic. We must do that in the future. Hereafter, when a man crosses the ocean and lands upon the American shore, our pride and country and patriotism will place around and about him a propaganda, which will enable him to know the beauties and the wonders of the great institutions under which he has come to live. (Applause.) It is not a question with us, my friends, of where a man was born, or what his ancestors were. The question is, does he come here to become a part of us, to identify himself with our institutions, to grasp without reservation our standards of civilization, and to live in obedience to them, and if need be, make a final sacrifice for our institutions? Does America mean something to him separate and apart from all the world? Has he individuality which commands his allegience and evokes his admiration? If he is not a part of us or in spirit and in purpose with us, he should not seek to be a part of us. If he does not feel the thrill of new life as he comes in touch with the virile forces of the Western Hemisphere; if he is not happy to be free from the environments from which he has come, then he is a menace to our nation and a hindrance to our highest and best aims. (Applause.)

We can stand much from without. We can oppose successfully encroachments of a foreign foe, but we cannot long endure as a republic if those who come among us fail to thoroly assimilate themselves to our national life and accept without reservation our principles of civilization. (Applause.)

My friends, the great cause in which we are engaged and for which we are fighting is the preservation of our institutions, for the preservation of human liberty. That is a war aim and a war purpose which every American citizen can understand, and let us here at home do everything within our power to see that the boys upon the Western Front shall not have fought and died in vain. (Applause.)

Some of these days, some of these boys will come marching home. They will march upon the streets of your cities and upon their bosom will be the insignia or badge compared with which nothing has ever equalled it in all the history of the world. What part will we play in that parade? What portion of the glory shall we share? Where will we be on that occasion? We will be a part of it, provided that from this hour on every one of us contributes where he stands or his habitation every single pound of energy and thought he can to the success of this great achievement. (Applause.) We are a part of the great army, and we shirk or slack just the same as the boy at the front who falls behind, and therefore, let us go into this great cause as victory begins to turn our way, determined that we will put forth individual energy and new power and make the triumph a complete one before another year shall have passed. (Loud and long applause.)

LUNCHEON TO FORMER PRESIDENTS OF THE AMERICAN DENTAL ASSOCIATION, SOUTHERN DENTAL ASSOCIATION AND NATIONAL DENTAL ASSOCIATION.

PROBLEMS WHICH CONFRONTED THE DENTAL PROFESSION DURING THE PERIOD I WAS PRESIDENT.

By Edwin T. Darby, D. D. S., Philadelphia, Pa.

Mr. President and Gentlemen who have been honored in the past, Ladies and Gentlemen:

SOME years ago Elbert Hubbard, who went down with the Lusitania, was making a lecture tour thru the west, and had occasion to break his journey at Omaha, where he had to wait thirty minutes before taking another train. He said he looked up at the station and he saw a fine specimen of Grecian architecture. He walked inside and took a seat in the waiting room, presently a woman, tired from travel entered, lugging two heavy bags, and two little children hanging to her skirts. She took a seat near him. She looked poor and perturbed. Presently he saw a woman with a white apron and cap enter the door approach this woman and speak a few words to her. He also saw the woman and two children led off into one corner of the room where there was a couch or settee. The woman with the white apron and the white cap went out of the room and returned in a moment with two glasses of milk and a cup of tea. She handed the milk to the children and the tea to the mother. Hubbard said he looked upon this unusual sight and pinched himself to see if he was really alive. (Laughter.)

When I came to Chicago on Monday morning I looked around and pinched myself every now and then to see if I was really alive. (Laughter.) This scene and this occasion are almost entirely beyond my comprehension. In the first place, I had been told that there are seven thousand or more members of the National Dental Association registered and in attendance at this meeting, and then I pinched myself again because it was such a contrast to the attendance in the days when I was President of the old American Dental Association. Then we thought seven hundred was a large attendance, and the only way I could account for seven thousand members was that such men as Colonel Logan were back of it and Chicago was the seat of government. It seemed incredible to me that any society, especially a dental association, could get together seven thousand men. Think of what seven thousand professional men means. What a change in that thirty-five years.

In looking at the program, I observe that I have been assigned to speak upon the problems which confronted the dental profession during my term of office. It would be improper for me to occupy your time in attempting to tell you of all the problems that confronted the dental profession in 1883. One of the greatest problems that confronted us then was the question of dental education. At that time the dental student attended two sessions of four or five months each and graduated. The profession was dissatisfied with the length and number of courses at the colleges. New colleges

A DINNER IN HONOR OF WM. C. GORGAS, SURGEON GENERAL, U. S. ARMY AND BRIGADIER GENERAL ROBERT E. NOBLE, M. C., N. A., TENDERED BY THE LOCAL COMMITTEE OF N. D. A., AUG. 6, 1918, CHICAGO, ILL.

were coming into existence and they were following the example of those institutions that required but two years attendance. The feeling was that the colleges were letting men thru too easily, and the demand was general that a longer course or another year be added to the curriculum. It was not long after that the course was lengthened to seven months, then to eight, and finally a year was added, and now a fourth year has been added to the curriculum. The dental student who graduates today must have attended a course as long as that demanded of the medical student. Those of you who are unacquainted with the profession of medicine and dentistry, will be surprised to know that the dental student spends as much time in acquiring a knowledge sufficient to enable him to practice one branch of the healing art, as the medical man who is granted permission to practice all branches of the healing art. Therefore, it seems to me, that the dentist today is a better qualified man than the medical man whose degree permits him to practice each and every specialty in medicine.

Another problem which confronted the dental profession in 1883 or about that time was "The New Departure." It is perhaps important that I should explain to the younger men what "New Departure" means. Briefly outlined, the "New Departure" idea and the term originated with Dr. F. Foster Flagg, of Philadelphia, and was at once endorsed by Dr. S. B. Palmer, of Syracuse. They put forth this challenge to the dental profession: "Just in proportion as teeth are bad and need saving, gold is the worst material with which to fill them and the day is not far distant when the dentist will change from all gold to all plastic." I doubt if there was ever a period in the history of dentistry when such a propaganda would have been received with less encouragement. It was at a period when gold workers were rivaling each other in the excellence and beauty of their gold fillings, and the thought that amalgam and gutta-percha and the zinc cement should take the place of gold was distasteful and unreasonable.

The reputation of the American dentist thruout the world had been made, not with the plastic but by beautiful operation of gold which had lasted thirty, forty and fifty years. I am free to admit that Dr. Flagg's prophecy has in a measure been fulfilled. There has been a great increase in the use of the plastic during the past ten years, especially since the silicate cements were introduced. Their harmonious color, the ease with which they are manufactured, has appealed to the profession and it would seem that they were to supercede the use of gold foil but such is not the case.

Discontent is already in the air. The men who had put their gold pluggers away believing that they would need them no more, are getting them out again and the thoughtful men have concluded that all dentists—except perhaps amalgam, must be regarded as but temporary in character and that gold foil fillings will again be considered as the best method of saving the average tooth.

THE PRELIMINARY PLANS THAT LED TO THE ORGANIZATION OF THE NATIONAL DENTAL ASSOCIATION.

By B. Holly Smith, M. D., D. D. S., Baltimore, Md.

Charles P. Steinmetz, one of the few hundred thousand dollar men in the United States, in a letter to young men published in the American magazine, quotes a Turkish proverb: "The world belongs to the dissatisfied." Very early in the history of dentistry some of her prominent exponents were dissatisfied with their isolation and longed for co-operation with their fellows.

As early as 1817 Dr. Horace Hayden, who, with Chapin A. Harris, founded

the Baltimore College of Dental Surgery and began the publication of the American Journal of Dental Science, proposed the formation of a national dental society, and visits were made to Philadelphia, New York and Boston to further this purpose; and yet it was not until 1840 that some fifteen or twenty men met in New York to organize "The American Society of Dental Surgeons." Dr. Hayden was elected the first president, Dr. Harris, secretary.

Three years later this association, numbering one hundred and twenty-five members, met in Baltimore and Dr. Harris, in his address said, "In all great movements, either in religion, politics, science or benevolence, the American character and the popular genius of all our institutions immediately direct us to lay hold of the great principle of voluntary association, as an agent of stronger moral power than any known in the country, to affect any desirable good. We have no wealthy and powerful orders to command any given amelioration or improvement, and hence we combine the power of popular number and bring it to bear upon the objects we wish to accomplish. This national peculiarity accounts for the numerous benevolent and scientific associations found in the United States, before the moral power of which vice, ignorance, empiricism, bigotry, oppression, and long established habits and modes of thinking are fleeing away like mists of the morning before the rising sun. This will furnish the reason why America can boast of the first Society of Dental Surgeons ever associated together in the world; and if this Association shall produce results in any manner comparable to those produced by other American associations, now the wonder and praise of the world, the character of the American Dental Surgeon will stand as high on the archives of science as do the names of Washington, Franklin, Hancock, Henry and Jefferson on the roll of freedom, or Mills, Perkins and Hill in the annals of American missionary benevolence.

The American Society of Dental Surgeons was succeeded by the American Dental Convention, a body without a constitution or by-laws, a simple open meeting, or conference.

This organization was of short duration, and was itself succeeded by the American Dental Association, which held its first meeting at Niagara Falls in 1859. This was, from the first a delegate body and had a successful and continuous existence until merged with the Southern Dental Association into what we now proudly recognize as the National Dental Association.

For over twenty years it had been considered by many to have all sections of the country involved in one central organization. The Southern Dental Association had grown into almost equal importance with the American. Effort after effort had been made to unite the two, but the most that had been accomplished was to confer informally. Antagonisms partly engendered by the Civil War might be held responsible, tho many southern men were members of the American.

Finally, I, as president of the Southern Dental Association at a meeting held at Old Point Comfort, recommended in my annual address, that committees of the two associations be appointed to consider this most desirable object. Dr. Thomas Fillebrown of Boston, a prominent member of the American and others were enthusiastic in support of the idea. Thanks to the ripeness of the times and more thanks to the persistent efforts of many loyal advocates of this cause, the union of the two associations was accomplished. Dr. Fillebrown never received half the credit he was entitled to. Both committees worked hard on matters of detail but his efforts were unceasing. With the hearty cooperation of all of us who were friendly to this cause, success was finally achieved and the National Dental Association held its first meet-

ing at Old Point Comfort in 1895 with Dr. Fillebrown as its first president.

Opposition to the union came from some of the leaders of the profession from both societies. I myself, visited nearly every southern state to argue and persuade with those opposed. It was not easily done but enough enthusiasts were always on hand to counter balance opposition and it was accomplished.

The consummation of these efforts secured to America for the first time one authoritative body, whose decisions upon any scientific subject, matter or practice or question of policy, are accepted the world over; as witness the question of the formation of the Fourth International Congress. The National Association appointed a committee of organization for the Congress. The Federation Dentaire International, an association with seventeen nations represented in membership, also appointed a committee. Much dispute and contention arose as to authority, but it was decided that the National Association thru its committee should organize the Congress, and it resulted in the largest and most successful congress in the history of dentistry.

Tho I have been actively connected with the National since its inception, I confess that I never conceived that it might be as great an organization as it is today—and the absence of so many of those who struggled to effect its organization, calls to my mind Oliver Wendell Holmes' "Last Leaf"—

They say that in his prime,
Ere the pruning knife of time
Cut him down,
Not a better man was found
By the Crier on his round
Through the town.

But now he walks the streets,
And he looks at all he meets
Sad and wan,
And he shakes his feeble head,
That it seems as if he said,
"They are gone."

The mossy marbles rest
On the lips that he has prest
In their bloom,
And the names he loved to hear
Have been carved for many a year,
On the tomb.

These reflections of sadness are perhaps out of place. This is the heigh-day of the National. It is on the crest and those who brought it there are to be congratulated. They have mine most heartily.

THE NATIONAL DENTAL ASSOCIATION AS I HAVE LEARNED TO KNOW IT.

By Harvey J. Burkhart, D. D. S., Rochester, N. Y.

Mr. President, Distinguished Colleagues, Ladies and Gentlemen: On account of the limitations which have been placed upon me by the presiding officer, which I shall not disregard, I wish to say that I am not here with a set speech. I came here to listen to what Dr. Darby and Dr. Holly Smith had to say. I want to tell you that the inheritance which the National Dental Association received from the amalgamation of the Southern and the American at Old Point Comfort, was not a very comforting one at the first session in Omaha in 1898, there was an attendance of about three hundred. We were told that the amalgamation of these associations would bring everybody into the common fold. It did not at its inception, but I am very happy to say that at the conclusion of this meeting we will be satisfied with the prophesies which were made by the members of these associations at that time, they have come true.

I have served this association in an executive capacity since its organization, and I am fairly well acquainted with its activities. It would take a long time to tell the story, and it would be a volume of considerable size, if I only spoke of the accomplishments and the peculiarities and the shortcomings of my distinguished colleagues this day. I know all of them. I have lived with them, and I want to assure you that to the last man they have all worked for the best interests of the Association. (Applause.) At Niagara Falls in 1899 the National Dental Association was a real body because, in spite of the dearth of material, and with practically no program, such as we had at Omaha, we had a larger program than we could handle. One of the striking features of that meeting was the presentation and exhibition at that time of patients upon whom our friend, Dr. Truman W. Brophy, operated at the Columbian Dental Congress in 1893. The satisfactory results of the operations were shown at that meeting at Niagara Falls in 1899. (Applause.)

At the time I was elected president, we had no representation in the Army or the Navy, and in the Spanish-American War, as you know, we only had the privilege of doing the ordinary work of the hospital intern, and yet when we meet here today, we have as the executive head of Army activities, with over nearly six thousand dentists under him, the executive head of this National Dental Association. (Applause.) From the organization of the National Dental Association down to the present time almost every problem that has concerned American dentistry, has been brought before the National Dental Association for its solution. There have been many and various schemes promoted. It has been the endeavor of the officers of the association and the association itself to see to it that it was not carried off from its feet by some wild or crazy notions of individuals or of societies, and how well they have performed that task is evidenced by the results which are shown in the various sections belonging to the association, and also by the accomplishments, so far as enacting laws and placing them on the statute books is concerned, which has elevated dentistry in every state in the Union.

I might go on and enumerate the various things that have been accomplished. You are quite as familiar with them as I am, but I want to contrast for a moment the dental profession, the members of the association, at the time when I first became familiar with national dental activities with the present. We had heard much about the giants of the dental profession, the pioneers and the founders of dentistry, and I take off my hat to all of them, and am ready to make my obeisance to them, but I want to say to you, it is my humble opinion that the rank and file of the dental profession today is far in advance of what it was under the old order of things, and this has been brought about very largely by the evolution in education, and by modernizing our organization have made it possible for us to come together as members of a truly National Dental Association. The increased educational advantages that have come to us, and also a feeling on part of the profession itself that it should raise the standard of its members to the highest plane, have been powerful influences in raising the prestige of the profession. We need not be ashamed to say that we belong to the dental profession, and I am very proud at any time and anywhere to acknowledge that I am a member of a profession that has been ready to advance and has advanced rapidly, and to make progress whenever it was deemed necessary in the right direction, so that we, as dentists, may be considered the equals, if not the superiors, of other professional or business organizations. (Loud applause.)

Facsimile of Dr.Black's Operating Room, Jacksonville Office—Black Exhibit, Chicago, August 5-9, 1918.

THE BENEFITS THAT HAVE ACCRUED TO THE NATIONAL DENTAL ASSOCIATION AS A RESULT OF REORGANIZATION.

By Frank O. Hetrick, D. D S., Ottawa, Kansas.

Mr. President, Ladies and Gentlemen of the National Dental Association: One of the important benefits that is the result of reorganization, is the Conservation of Time. Under the older forms of organization the business of the Association was done by an Executive Council or Committee, and then referred to the general body. Much valuable time was lost, by a general discussion of business that is now occupied by the different sections. As to the manner in which the business is conducted, I refer you to Article V and Article X of the Constitution—this sacrifices a few men's time; but *saves* it for the many, that they may attend the meetings of the different sections or clinics.

Increased Membership.

The value of the activities of an Association can not always be measured by the number in attendance; yet when we have such a gathering as we have here at the Twenty-Second Annual Session of the National Dental Association, it indicates that the organization is alive. There are more dentists in actual attendance here at this meeting than we had members, before the reorganization in 1912 and 1913. Nearly 7,000 here and a membership of 22,000 active and about 3,000 delinquent. This is largely the result of the reorganization with the Constituent Society idea, whereby each of its members automatically become members of the National Society. Other factors have entered into the large attendance here at this time; but the great organization made it possible. Time limitation makes it necessary to leave out detail. The establishment of the Scientific Foundation and Research Commission is one of the greatest benefits that have accrued thru reorganization. Prior to reorganization we *had not* attempted to solve many of the difficult problems because of the lack of funds, equipment and competent workers. It was gratifying to hear the endorsement of such a man as Colonel Charles H. Mayo of this department of our organization. There have been pledges and gifts amounting to $128,-728.00 secured. Also, $91,546.00 of this has been paid in cash and disbursed for research work and equipment. These pledges and cash were largely contributed by dentists. Its yearly income now is a dollar per year per member added to the dues, in most states. Without the reorganization this would not have been possible.

Our Own Dental Journal.

We have been trying for several years to establish our own Journal, without success. Very soon after reorganization it *was* and it ably speaks for itself.

Legislative Committee.

After war was declared and it became evident that a large number of dentists would be needed, this great organization was back of its committee and the act then pending was passed, raising the rank of the Dental Surgeon and giving dental students the same status as medical students. We were fortunate in having so great a man as Surgeon General Gorgas at the head of the Medical Corps at the time war was declared and who, in his address of last Tuesday evening, complimented the efficiency of the Legislative Committee of this body. Fortunate, also, that he recognized the magnitude of this body and the executive ability of our President-Elect, whom he placed at the head of the Dental Corps of the Army. I am sure that we will all recognize that Colonel Logan is the right man in the right place to meet the emergency and

that it is our duty to give him the undivided patriotic support of this reorganized National Dental Association.

Other benefits might be mentioned but, owing to the limited time in which to present them, I give you the ones that appeal to my mind as being the most important. The increased attendance at our Sections is another important benefit, as there are now nearly as many in attendance at each of the Section Meetings as we would have had at a General Session ten years ago. Other benefits will accrue as different situations arise and are met and are mastered but, not wishing to pose as a prophet, we will close by saying that we know they will be met.

A TRIBUTE TO THE LIFE WORK OF THE LATE GREENE VARDIMAN BLACK.

By A. W. Thornton, D. D. S., Montreal, Canada.

IT WOULD be the variest hypocrisy for any man to pretend that he did not look upon such a privilege as is mine to-day, as a very great honor, and it would be an insult to your intelligence to expect you to believe that such an occasion is one of the ordinary events of any man's life.

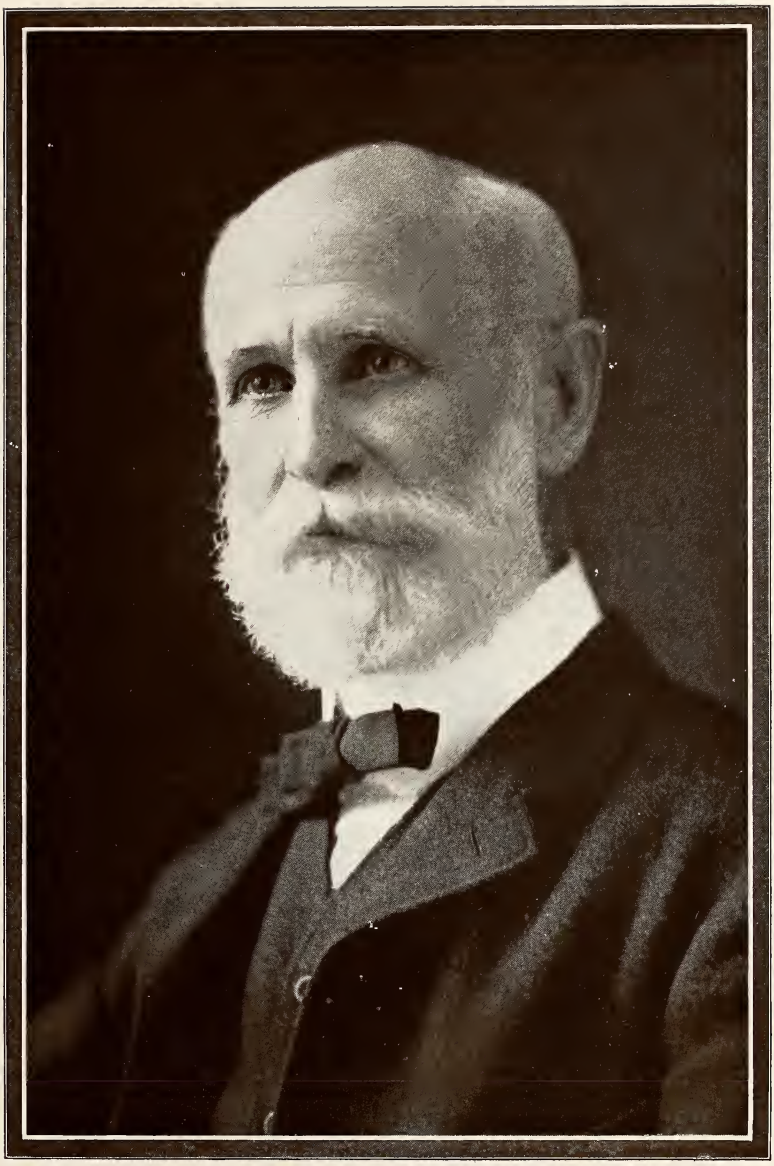
I appreciate the honor and feel the responsibility more deeply perhaps than any of you can imagine.

Any ordinary man might perhaps have some knowledge of the application of colors to a canvas, might possess some ability in freehand drawing, might understand the underlying principles of perspective, but such knowledge or such ability would not justify a person in attempting to paint a landscape or a portrait to hang in an Art Gallery with the world's Masterpieces. And so, it appears to me, the occasion that brings us together at this moment, demands the effort of a "workman that needeth not to be ashamed" to worthily deal with the subject which has been assigned me. Let me say to you in absolute frankness and in perfect honesty, that I feel totally incapable of measuring up to what you have a right to expect. But when your President asked me to undertake this duty, there was but one thing to do,—accept.

And, if I fail, adequately to express the love which we all felt for the man to whose life and labors this memorial is dedicated, let your own full hearts at this moment, be the measure of that appreciation which my poor words must fall short of expressing.

As I tried during the past weeks, to think of the exercises in which we were to take part to-day, there came to my mind again and again, the words of King David, spoken three thousand years ago of Abner, "A Prince and a great man is fallen." The term, "A great man," is frequently heard, and yet, to what a comparatively few men can the words be fitly applied.

In Law, Moses stands preeminent, for the simple reason that the moral law, the Ten Commandments, stands to-day as it stood three thousand, five hundred years ago, the very foundation principle of national as well as of individual greatness.



GREENE VARDIMAN BLACK, D. D. S., M. D., Sc. D., L. L. D.

In Sociology, the world has seen but one perfect example—The Man of Nazareth. In a few sentences, He laid on bed rock, the basic principles of Ethical relationships between man and man, and between nation and nation and the violation of these principles by a powerful European nation, is the cause of the terrific struggle now convulsing the world. Let me quote just a sentence or two, embodying some of His foundation principles:

"Whatsoever ye would that men should do to you, do ye even so unto them likewise." "I came not to be ministered unto, but to minister." "Let him that would come after Me, deny himself." "He that loseth his life shall find it, shall keep it unto eternal life."

Read to-day, the biography of the world's great men and you will find a striking similarity in life and thought and purpose in all of them. What man or woman can possibly attain to greatness and persistently violate any one of the Ten Commandments? Would you call any man great who would attempt to deal with his fellowman as he would not wish a fellowman to deal with him? Could a man, by any stretch of imagination, be called great, who was always receiving the ministrations of others in selfish enjoyment? What man to-day has the greatest chance of being classed with the world's great men? Is it not the man who has learned most perfectly the lesson of self-denial?

In the world's great cataclysm at the present time, who are the men whose names and whose memories are being enshrined in the hearts of all right thinking persons? Are they not the men who are losing their lives in order that national and individual lives may find a chance to express themselves along God-given lines? And was it not along the lines that I have just indicated that the life of the man whose memory we have met to honor, found expression?

Think of the work accomplished in a single lifetime. It was fundamental in character, it was stupendous in volume. When his own operations, as well as the operations of other men failed, he sought the reason of the failure and the means by which failure might be avoided, and he gave to the profession, scientific methods of operations which shall bless humanity while time lasts.

There is a question that must be ringing in the mind of every man here present. It is this: Why is it that men such as Dr. Black, are able to accomplish so much while most of us do so little? Is the difference between such men and the rest of us simply one of mental endowment? Are these men mental giants and the rest of us mental pigmies? No—I think not. What then is the reason? Is this the explanation? Only a few men in each generation are capable of sustained effort, and this perhaps is the secret of all true greatness. Longfellow has expressed that thought in these words:

"We have not wings, we cannot soar,
But we have feet to scale and climb
By slow degrees, by more and more
The cloudy summits of our time."

"The mighty pyramids of stone
That wedge-like cleave the desert airs,
When nearer seen and better known,
Are but gigantic flights of stairs."

And is this not the secret of the unparalleled success of him whose memory and whose life work we delight to honor.

Do you know that it takes fifteen pages of ordinary magazine size, in very small type, simply to give the titles of Dr. Black's contributions to the profession, of which he was the most distinguished member? The desire to attain to his own full stature must have taken possession of him even in early life.

Some years ago, I attended with Dr. Black and a number of other men from Chicago, the fiftieth anniversary of the St. Louis Dental Association. At that

Erected to the Memory of Dr. G. V. Black by the Members of the Dental Profession in Appreciation of His Services to Them and to Humanity. Dedicated by the National Dental Association.

August, 1918

GREENE VARDIMAN BLACK
1836-1915

Father of Modern Dentistry, Born on the Prairies of Central Illinois; Self Educated, He Became, in His Profession, the Foremost Scientific Investigator, Writer and Teacher of His Time.

Black Monument and Tablets---Lincoln Park, Chicago, Illinois

meeting, Dr. Black showed some lantern slides of sections of teeth that he had made years before, by hand, with a pen and India ink, before such slides were made by photography and they were as accurate and almost as delicate as those made by the scientific apparatus now available.

But the books which he wrote, the contributions which he made to so wide a field in science, the teaching he did in a great University, these are not the things that call out to-day, this voluntary expression of gratitude and esteem. We admire the ability which enabled him to overcome where smaller men must have met with failure. We acknowledge the debt we owe, because we are able to accomplish things which would have been altogether impossible had he not blazed the pathway to success.

We feel keenly, our own lack of attainment, when we think of him "in labors more abundant" but, we loved him—not for what he did, but for what he was.

Many of the men taking part in this exercise to-day, have a mental picture of him as they knew him best. Some will think of him as they met him at professional gatherings and the outstretched hand, the genial smile, the kindly word, seem to forge again the link that was broken, and they wonder if it can be indeed true that the "silken cord has been loosed." Others, especially the members of faculties from other schools, will have a vision of him in his own school, as the hearty, unassuming welcome was extended. Others, perhaps by far the largest number, will think of him as he walked thru the Infirmary, dropping a hand on a shoulder here, offering a word of advice there, giving a little help with an operation some other place, and as he did so, many a difficult operation became easier, many a problem was more readily solved, many a downhearted student felt that a veritable benediction had come "By the laying on of hands."

But why, may I ask, are we to-day dedicating and unveiling a memorial to Dr. Black? Why in all ages and in every country, have monuments been raised to great and good men?

"Can storied urn or animated bust
Back to it's mansion call the fleeting breath?
Can honour's voice provoke the silent dust?
Or Flattery soothe the dull cold ear of death?

We all know that this can mean nothing to him who so short a time ago joined the great company of those whom "We have loved long since and lost a while." Why then, do we do these things?

Two reasons, perhaps, actuate us: The first, to show to the world and to his immediate dear ones, that we loved the man and appreciate the life work fraught with such momentous importance to all future generations and in the second place, to inspire others to lead lives devoted as his was to the amelioration of suffering and to the extension of scientific education and individual culture, the only foundation upon which it is possible to rear the superstructure of national and individual greatness, happiness and prosperity.

More than three thousand years ago, that greatest of all questions was asked, "If a man die, shall he live again?" It has never been answered as we would answer or prove a proposition in Euclid so that we might write after the answer, "Which was required to be demonstrated."

But strange, indeed, would be our conception of creation or evolution, whichever you wish, if having ears, there were no song of birds, nor laughter of children, no strains of sweet music nor articulate sounds of loving voices. It would be strange would it not, if having eyes to see, there were no rosy morns nor glowing sunsets, no green valleys nor snow-capped mountains, no mountain torrent flashing it's myriad of crystals in the sun nor placid lake re-

flecting back the softened rays of the harvest moon, no "sky and flowers and trees."

So I believe, that in some way the greatest yearning of the human soul, it's capability for love and service and companionship will be satisfied "When the golden bowl is broken, when the pitcher is broken at the fountain, when the wheel is broken at the cistern and the Spirit returns to God who gave it."

To have known a man like Dr. Black, to have enjoyed his friendship, to have felt the warmth of his social natures, to have feasted mentally so often and so bounteously on the satisfying mental pabulum of his production, is to intensify and make more real, the belief that "When the earthly house of this tabernacle is dissolved, we have a building of God, an house not made with hands, eternal in the heavens."

In the Genesis account of creation, it is said that God created man in His own image and likeness. It is in the lives of such men as Greene Vardiman Black, that the eternal, the infinite, the loving nature of God, is most clearly discernable. In the early ages, the passing of such men was spoken of in some such words as these: "Having served his day and generation, he has fallen on sleep."

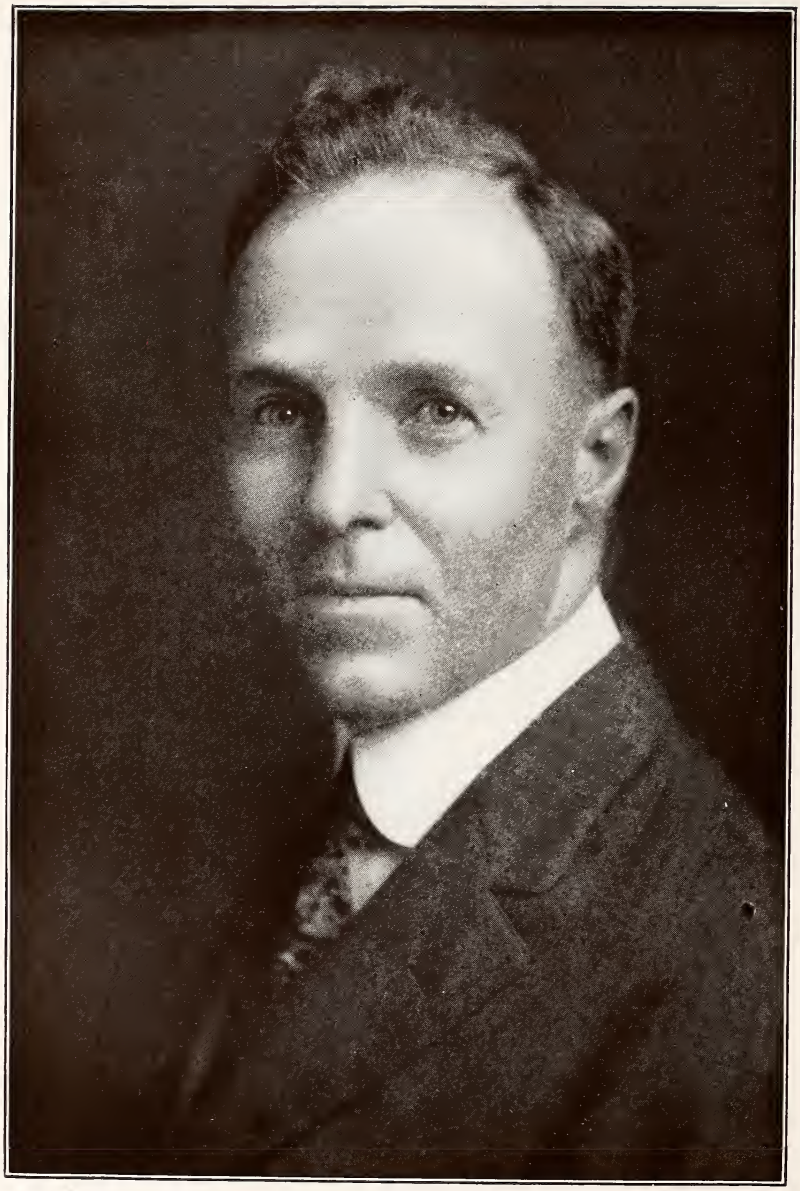
Could words be truer of any man than of Dr. Black? Having served his day and generation, full of years and of honor, loved most by those who knew him best, "He has fallen on sleep." May "a double portion of his spirit" fill all our hearts.

Perhaps Dr. Black's Philosophy of life, life here, life hereafter, might be summed up in the following words:

"For me to have made one Soul,
The better for my birth:
To have added but one flower
To the garden of the earth.

"To have struck one blow for truth,
In the daily fight with lies:
To have done one deed of right
In the face of calumnies.

"To have sown in the souls of men
One thought that will not die,
To have been a link in the chain of life
T'will be Immortality."



WILLIAM BEBB, M. S., D. D. S.,
Chicago, Illinois.

The special exhibit on the Mezzanine Floor, Auditorium Hotel, which displayed a facsimile of Dr. Black's Jacksonville office with furnishings, also scientific instruments, inventions, manuscript and other historical material, was prepared by Dr. Bebb.

BLACK MEMORIAL EXERCISES AT LINCOLN PARK.

C. N. Johnson, M. A., L. D. S., D. D. S., Chicago, Ill., Presiding.

INVOCATION.

By Edmund Noyes, D. D. S., Chicago, Ill.

OUR Father in heaven, we come to seek Thy blessing while we commemorate the life and services of a great and good man. We rejoice that sometimes there appear in this world men who have greater power and wisdom and are more abundant in labors for the good of men, than can be accomplished by ordinary men. Such a man was Dr. Black, and we seek to perpetuate his services, his life, his usefulness, in the most enduring materials that we know how to procure. We rejoice that such a life lives after the earthly life is done, and that everywhere in all the world men of our profession are better serving their patients because of his life and his service. And now, when the hearts and minds of men are under stress and strain, and the call of duty and of patriotism is awakening in all minds and hearts a new enthusiasm, a new sense of obligation and devotion to country and humanity, the hearts and minds of our profession are fruitful fields in which the services, the life, the seeds of influence implanted by this great man may grow and bear fruit. We pray that this life and service may more and more influence the men of our profession, and we ask these blessings in the name and for the sake of Him who has given to the world the purest and completest example of wisdom and service and sacrifice, Jesus Christ, the Savior of the world. Amen.

The Chairman: Ladies and Gentlemen: When the question arose as to the proper site for the placing of the Black Memorial, it was decided by the Memorial Committee that Lincoln Park with all its historic surroundings, with its beautiful setting, was the most appropriate place, and in approaching the park commissioners for the privilege of placing this monument here, we naturally turned to one of the members of our profession who, while not a member of the Memorial Committee, has had a part in its movement from the beginning, and whose influence would probably be greater than that of any one man to approach it. Therefore, today it is very appropriate that the presentation speech be made by one of our own members, Dr. Truman W. Brophy. (Applause.)

PRESENTATION OF THE BLACK MEMORIAL TO THE LINCOLN PARK BOARD OF COMMISSIONERS.

By Truman W. Brophy, M. D., D. D. S., L. L. D., Sc. D., F. A. C. S., Chicago, Ill.

Let me first express to you our appreciation of the honor your Board has bestowed upon the dental profession of the world by permitting us to place this monument in a choice location in Lincoln Park. On behalf of our Committee, let me again thank you for your generous consideration.

It is not only an honor to the profession, but it reflects great honor upon the city, state and nation to have here erected a monument to the memory of an illustrious son of Illinois, a man whose distinguished services as a practitioner, author and teacher, whose life work in the interests of suffering human-

Dedication Black Memorial, Chicago Meeting, August 5-9, 1918.

ity, won for him international fame and endeared him to all who knew him. This monument is the only one in Lincoln Park to a native Illinoisan.

In the beginning of his career as a teacher, his home was in Jacksonville, Illinois. One week in each month he was occupied in teaching in this city and during those weeks he was my guest, so an opportunity was given me to become intimately acquainted with him. Altho I had previously known him well, the intimacy thus afforded gave me greater opportunities to acquire a knowledge of the wonderful resources and versatility of this remarkable man.

The art and science of dentistry have been enriched by his contributions. The pages of our professional literature are illumined by his writings, and the physical necessities of suffering humanity have been better cared for by reason of his life work.

The park is for purposes of recreation and pleasure. Yes, and for something more—for moral and intellectual development. The monuments of distinguished men placed here make it of inestimable value from an educational and historical point of view. A knowledge of the attributes and achievements of the men whose monuments are in this park, creates a desire in our youth to emulate their examples, to promote noble ideals and lead to a higher, more useful manhood.

The honors conferred upon Dr. Greene Vardiman Black were many, but his greatest honor came at a meeting in Paris in 1910, when at the annual session of the International Dental Federation, the foremost dental organization of the world, it unanimously voted to bestow the first Miller prize upon him, thus recognizing him as the leader in research work and in the science and art of his profession. The world spoke. It proclaimed Greene Vardiman Black supreme in his profession.

A little way to the north of this spot, by the roadside, in this park, is a monument to that untiring, intrepid, French explorer, Rene Robert Cavalier LaSalle. The trials thru which LaSalle passed, two hundred and thirty-eight years ago, in smoothing the pathway thru what was then the western wilderness so as to make a way for advancing civilization, find a counterpart in the work of Black in clearing away unsound methods of practice, developing the art of teaching, and elevating to a higher plane dental art and science. As LaSalle explored to make easier the way of the pioneer, Black explored not only to make the way easier for the members of his profession, but to alleviate human suffering and contribute largely to the welfare of mankind.

Scientists will gather here and, knowing the career of the talented author, will be re-inspired to greater achievements. Students will pass this place, become acquainted with his features and learning his attributes and achievements, will lead on to greater efforts. Members of his family will assemble here and altho his life is past, they will feel a little nearer to him than in any other place.

The master sculptor has reproduced, with wonderful accuracy, the features of Doctor Black. In enduring bronze, this representation of the figure of one familiar to us all shall remain thru the centuries, grouped as it is with the most eminent men of their times. Life is transient but monuments endure.

On the occasion of the complimentary banquet given to Doctor Black in 1910, I made use of these words, and I now repeat them: "What Lincoln was in statesmanship, what Grant was at the head of the Army, Greene Vardiman Black was in the field of the art and science of dentistry."

"Lives of great men all remind us
We can make our lives sublime,
And departing, leave behind us
Footprints on the sands of time."

Commissioner Winston, on behalf of

Ex-Presidents of the National Dental Association in Attendance at Chicago Meeting, August 5-9, 1918.

the Committee of the National Dental Association, the Illinois State Dental Society, and the dental profession generally, I place in the keeping of your Board, the Lincoln Park Commissioners, the monument of a man who lived and worked in this world, thruout his long life, to relieve suffering and to promote human happiness.

I present to you, Mr. Commissioner, the monument of Dr. Greene Vardiman Black. (Applause.)

The Chairman: It seems very appropriate that the ceremony of unveiling should be conducted by the granddaughters of Dr. Black, therefore, I will call on Misses Elizabeth Black, Mary Barbara Black, Jane Black and Helen Baldwin to unveil the monument.

This duty having been performed by the granddaughters of Dr. Black, Dr. Johnson presented Mr. Frederick Hibbard, the sculptor.

The Chairman: We are going to have the pleasure of listening to one of the distinguished members of the Board of Commissioners of Lincoln Park, who has been delegated to accept this monument on behalf of the Board.

It gives me very great pleasure to introduce to this audience Mr. Bertram M. Winston, one of the Commissioners of the Lincoln Park Board. (Applause.)

ACCEPTANCE OF THE BLACK MEMORIAL.

By Bertram M. Winston, Chicago, Ill.

Mr. Chairman, Ladies and Gentlemen: It gives me great pleasure to accept on behalf of the commissioners of Lincoln Park this wonderful statue of Dr. Black. I congratulate your committee on this work of art, and I would like to state that the commissioners of Lincoln Park will care for this monument as they do the other monuments in the park. (Applause.)

The Chairman: We are about to hear now from one of Dr. Black's closest friends, a man who was associated with him in many capacities during his lifetime; a man who has always been loyal to him from the first day that he knew him; a man who, while inspired by Dr. Black, was also an inspiration to Dr. Black, and it gives me great pleasure to introduce to you at this time Dr. Black's old friend, Dr. Thomas L. Gilmer. (Applause.)

REMINISCENCES OF GREENE VARDIMAN BLACK.

By Thomas L. Gilmer, M. S., D. D. S., Sc. D., Chicago, Ill.

It was my good fortune to have been intimately associated with Dr. Black, the subject of this monument, from my first advent into the profession up to the time of his death. One cannot adequately express the value of such a relationship. He was an inspiration to every one who knew him well.

Dr. Black was a unique character. His habits and methods were wholly unlike anyone I have ever known. His outstanding characteristics were simplicity, honesty, and an unending perseverence, with a keen insight into the tangible things of life. Like all truly great men, Dr. Black was a plain man, wholly devoid of ostentation. His writings, like his character, were direct and clear. Before Dr. Black's writings reached the printer, he went over them time and time again, making such changes as he deemed desirable, his object being to so carefully construct each sentence that there could be no possible doubt as to its meaning. Most of his earlier writings were typed by himself.

I remember well his first typewriter. It was one of the original cailigraphs, in which all of the letters were capitals and on this machine he pounded out many of his earlier manuscripts.

I have watched with interest Dr. Black's method of investigation and study. He conducted his investigations after a certain definite plan. Before he had progressed far in some special study, he would discover that he needed some delicate instrument for weighing or measuring in order to complete his work. Dr. Black was a mechanic of high order, an artist, and an inventor of no mean ability. These qualities made it possible for him to invent and design the instrument or machine which he needed. Before attempting its construction he made accurate drawings of it, to scale, and from these drawings he would either construct or have constructed the desired instrument. This accomplished, he would continue his work in an orderly procedure, making notes and illustrations as he progressed. When he had completed his investigations, he would from his notes and illustrations as a basis, proceed to write the text. In every detail from start to finish there was absolute accuracy, whether it was in the weighing of the thousandth part of a grain of the ash of a burned tooth, the measuring of the expansion or contraction of an alloy, or the measuring of the force exerted by falling bodies. All the instruments used for these purposes were designed and most of them were made by himself.

When I first knew him he was studying microscopy. He had bought a small microscope. After using it for a time he discovered that it could be improved by alterations, and with his lathe and other tools he made the improvements. In a conversation with Dr. Black relative to his numerous studies, he once told me that as he followed the lead of some original investigation, he found many off-shoots, which promised rich rewards for their working, but said he, "I never permitted these flattering offshoots to lure me from the main subject, but would drive a stake where they led off and when I had completed the main work, would go back to them and take up the lead. While they might not have a special bearing on dentistry, the study gave me a wonderful insight into other subjects, which afforded me much information and pleasure in their pursuit."

Dr. Black never started in any of his studies to prove a theory, but simply to get the facts, and his wonderful conclusions were based on the facts as he discovered them.

Dr. Black was a many sided man. He was a great student of nature, and was a great admirer of John Muir. Nothing was too small for his observation. Many things that most men would pass by with indifference, he would find of scientific interest. On one of my visits to his home in Jacksonville, I found him deeply engrossed in the study of the earth worm. It's anatomy, histology, and habits he had worked out, and from this study he wrote an interesting and valuable contribution, which was presented to the Jacksonville Literary Union of which he was a prominent member. He was a very close student of medicine and surgery. He invented and made several surgical instruments, one of them was a cleft palate needle, which picked up its own stitches. This was an ingenious device and is used to some extent at the present time.

Dr. Black was an ideal host or visitor, always genial, full of interest in any subject that might be broached. His mind was a store-house of stirring events and as a story-teller he was intensely interesting. He was also a good listener and ever ready to advise and help any one who showed special interest in any subject. No one, no matter how inexperienced, felt awed in his presence. He drew out the very best from those seeking his advice, and started many in scientific pursuits.

A noted eastern dentist said to me in a conversation many years ago, "Black is a wonder, but he works too much alone to get the best results." If we compare the achievements of Dr. Black, working by himself, down in a small inland city of Illinois with the work of all others in the profession, we must conclude that that dentist's remark was not applicable.

Dr. Black's life in his family and with his friends was beautiful. To really know him was to love him. I never had a truer or better friend, and I have never known a man for whom I had a profounder respect and regard.

Now, ladies and gentlemen, what does the life of this great man mean to you, to me, to dentistry, and to humanity? It should inspire us to earnest and high endeavor in all our ways. His work like this statue will stand thruout the ages. As we gather about this picture in bronze which we have erected in memory of our revered and illustrious friend, we feel that in thus honoring him we have done well for ourselves and for posterity.

THURSDAY EVENING, AUG. 8, 1918—FOURTH GENERAL SESSION.

The program for this session was furnished by members of the Canadian Dental Association.

The meeting was called to order by Joseph Nolin, President of the Canadian Dental Association, at 8:15 P. M.

Colonel Guy Hume, of Toronto, Ontario, Canada, gave an illustrated lecture on "Surgery of the Face and Jaws."

His remarks were discussed by Truman W. Brophy and George E. Meyer, of Chicago.

Professor George Villain, of Paris, France, presented a paper on "Surgery of the Face and Jaws," which was illustrated by numerous slides.

The paper was discussed by Drs. William E. Cummer, of Toronto, and Truman W. Brophy, of Chicago.

President Nolin extended the thanks of the Canadian Dental Association to the gentlemen who had honored the Association with their presence and had presented such interesting papers.

William E. Cummer, Toronto, Canada, presented a paper entitled "Partial Dentures." The paper was accompanied by numerous illustrations.

Adjourned.

SECTION PROCEEDINGS.

Orthodontia and Periodontia.

OFFICERS.

Chairman—Frank M. Casto, Cleveland, Ohio.
Vice-Chairman—Edgar A. Honey, Kalamazoo, Mich.
Secretary—John N. Wallace, Omaha, Nebr.

TUESDAY—First Session.

The first session of this Section was held in the Florentine Room of the Congress Hotel, Chicago, on Tuesday afternoon, August 6th, 1918.

The meeting was called to order by the Chairman, Frank M. Casto, of Cleveland, Ohio, at 2:15.

DR. CASTO: "In calling to order the Section on Orthodontia and Peridontia I wish to assure you that it is a great privilege and pleasure. It might be of interest to some of you to know how the organization of this Department was brought about.

Last October at the Annual Meeting in New York it was deemed wise and expedient and proper by the Trustees of the Association to readjust the sections. If you will remember, the sections up to that time were known as "One, Two and Three." They were not comprehensive, nor did they define what subjects were considered under the various sections. The Amendment Committee was asked to readjust this, which they did. The Committee divided into sections all the various subjects which were cooperating in sections One, Two and Three, the total of which was sixteen. For obvious reasons the Board of Trustees decided that sixteen sections would be too many. The Committee was therefore requested to reduce the number of sections, which was done, and in arranging sections it was decided that the Section of Orthodontia and Periodontia could be coordinated nicely and very satisfactorily.

After the sections were formed the question arose as to the officers. It was necessary to readjust the offices of sections One, Two and Three, which had been legislated out of existence. The officers who were elected to section Three were appointed to serve the Section on Orthodontia and Periodontia. Hereafter the Section will elect its own officers and will be entitled to one delegate to the House of Delegates. The election will be held immediately after the scientific program this afternoon. After I had been notified by the Secretary of the Association that I had been appointed to this Section, I realized that in order to make it a success it would be necessary to have the support and cooperation of all those interested in Orthodontia and especially of the two special societies, namely, the American Society of Orthodontists and the American Academy of Periodontology. Such a request was sent to these Societies and they very promptly offered their help and assistance, so the program as it will be presented at this meeting was given by the members of those Societies.

At the Eighteenth Annual Meeting of the American Society of Orthodontists, held at the Edgewater Beach Hotel, August 1, 2 and 3, 1918, the following resolution was introduced, and adopted:

RESOLVED, That this Society offer its cooperation and moral support to the Section of Orthodontia and Periodontia of the National Dental Association and that a committee of three be appointed by the President to confer from time to time with the officers of this Section.

(Signed) D. W. FLINT, President.

At a meeting of the American Academy of Periodontia, held at the Edgewater Beach Hotel in Chicago last week, the following resolution was passed:

Resolved, that this Society offer its cooperation and moral support to the Section of Orthodontia and Periodontia of the National Dental Association and that a committee of three be appointed by the President to confer from time to time with the officers of this Section.

(Signed) J. HERBERT HOOD, Pres.

You will all readily see the advantages that will accrue to this Section if we have their full co-operation. The Section can and will be made just as good as any other of the National Dental Association.

May I request that those of you in attendance will not only give us your full support during this meeting, but that you will continue this support in the future? The greatest success may only be attained in this manner.

The first paper to be presented to this Section will be given us by a man whom all orthodontists have learned to respect because we know that when his name appears upon the program we will be given something not only of great interest but of great benefit. It gives me pleasure to introduce to you Alfred P. Rogers of Boston, who will present a paper entitled: "Orthodontic Appliances and Gingival Tissue."

HARRY E. KELSEY, Baltimore, Md., presented a paper entitled: "The Necessity for Orthodontic Interference in Malocclusion of the Teeth." Discussed by Sidney J. Rauh, 54 Harrison Building, Cincinnati, Ohio, and the discussion closed by Dr. Kelsey.

NELVILLE S. HOFF, Ann Arbor, Mich., read a paper entitled: "The Development of Periodontia." Discussed by Jules J. Sarrazin, 424 Godchaux Building, New Orleans, La.; Sidney J. Rauh, 54 Harrison Building, Cincinnati; H. J. Leonard, 515 Syndicate Building, Minneapolis, Minn., and Dr. Hoff.

ANDREW J. McDONAGH, Toronto, Canada, presented a paper entitled: "The Necessity for Early Diagnosis of Periodontal Diseases." Discussed by Gillette Hayden, 289 East State Street, Columbus, Ohio; W. G. Ebersole, 800 Schofield Building, Cleveland, Ohio; Austin F. James, 25 E. Washington Street, Chicago, and Dr. McDonagh.

This closed the scientific program for the afternoon and the next order of business was the election of officers, which resulted as follows:

Dr. J. Herbert Hood, Chairman, Cleveland, Ohio.

Dr. Harry E. Kelsey, Vice-Chairman, Baltimore, Md.

Dr. J. Opie McCall, Secretary, Buffalo, New York.

Dr. William C. Fisher, Delegate, New York, N. Y.

Dr. H. C. Hopkins, Alternate, Washington, D. C.

As this closed the program for the day the session adjourned until Wednesday afternoon.

WEDNESDAY—Second Session.

The session was called to order by the Chairman, Frank M. Casto, at 2:10.

DR. CASTO: Dr. Paul R. Stillman, of New York, is ill in a hospital at present and consequently will not be able to present his paper in person. He has, however, forwarded his paper and Gillette Hayden, of Columbus, Ohio, has kindly consented to read it to us.

WILLIAM G. CLARK, Chicago: Mr. Chairman, I move that a telegram be sent to Dr. Stillman expressing our sympathy and best wishes.

Motion seconded, unanimously carried and the Secretary was requested to send such a message.

GILLETTE HAYDEN then read Dr. Stillman's paper entitled: "Traumatic Occlusion." Discussed by J. Herbert Hood, New Guardian Building, Cleveland, Ohio; H. J. Leonard, Minneapolis, Minn.; M. L. Rhein, New York, N. Y.;

Frank M. Casto, Rose Building, Cleveland, and Dr. Hayden.

DR. CASTO: Inasmuch as Dr. Stillman could not be present to read his paper and reply to the discussion, I will rule that he be permitted to answer the discussion in the written report.

CLYDE N. GEARHART, Washington, D. C., presented a paper entitled: "The Practical Application of the Principles of Oral Prophylaxis in Dental Practice." Discussed by C. W. Day, Tulsa, Oklahoma; Frank M. Casto, Cleveland, Ohio, and Dr. Gearhart.

DR. CASTO: With the permission of Martin Dewey, who is next on the program, I will ask M. N. Federspiel to read his paper at this time as he is compelled to take an early train out of Chicago on account of an important engagement at home.

M. N. FEDERSPIEL, Milwaukee, Wis., read a paper entitled: "A Classification of Pathological Conditions in the Mouth," illustrated by blackboard drawings. Discussed by Austin F. James, Chicago, and Dr. Federspiel.

THE CHAIRMAN: Dr. Ottolengui wishes to make a few remarks to our Section at this time.

DR. MARTIN DEWEY, 25 East Washington Street, Chicago, presented a paper entitled: "Physiological Factors as Related to the Peridental Membrane, Cementum and Bone in Tooth Movement," illustrated with lantern slides. No discussion.

THE CHAIRMAN: Gentlemen, this closes the business and program of this session. I feel that the Section has been a success.

ON MOTION, seconded and carried, a rising vote of thanks was extended to the officers of the Section for the efficient manner in which they had prepared the program and managed the session.

Histology, Physiology, Pathology, Bacteriology and Chemistry. (Research.)

OFFICERS.

Chairman—Weston A. Price, Cleveland, Ohio.
Vice-Chairman—Marcus L. Ward, Ann Arbor, Mich.
Secretary—Frank O. Hetrick, Ottawa, Kans.

WEDNESDAY—First Session.

The first session of the Section on Research met in the Gold Room of the Congress Hotel, Chicago, on Wednesday morning, August 7th, 1918.

The meeting was called to order by the Chairman, Weston A. Price, Cleveland, Ohio, at 9:30.

1. "A Memorial Hour to the Late John R. Callahan."

T. IRVING WAY, Cincinnati, Ohio, presented a paper entitled: "A Brief Review of His Professional Activities."

THOMAS P. HINMAN, Atlanta, Ga., read a paper entitled: "An Estimate of His Personality."

R. OTTOLENGUI, New York City, contributed a paper on "An Interpretation of His Recent Researches," illustrated by lantern slides.

DR. OTTOLENGUI: Before I read

what I have written I would like to say just a word. The first speaker said that Callahan was a great writer and literary man. On one occasion he told me that he received a telegram which said: "Would like to have you read a paper before our Society. Will pay you $150.00 but paper must be worth it." Callahan wired back—"Unable to accept your invitation as I have nothing to offer worth $150.00." (Dr. Ottolengui then read his contribution.)

WESTON A. PRICE: I think every

man in the room has lost a dear friend and the only thing we can do is to stand with bowed heads for a minute or two.

Dr. Callahan's associate is in the Research Institute surrounded with just as good an equipment as we can give him so that he can carry forward the studies.

Kind hands of those who have loved John Callahan have undertaken to get together the material about our John so that it can be put together in a monograph. The only thing is the financing of the problem so that we can feel safe in doing it. We are hoping that the Ohio State Society will find some way to do it. We know that many men all thru the country would be glad to have the meat from his papers all thru his life and we are hoping to have this prepared for you. His specimens have been mounted in a way to make them perfect and I hope that you will all try to see his exhibit, near the Black Exhibition on the Mezzanine Floor of the Auditorium. That group of specimens, mounted permanently, will be placed in the Research Laboratory and you can come at any time and study them.

THOMAS B. HARTZELL and WINFORD P. LARSON, Minneapolis, Minn., presented "A Report of Investigations Completed During the Past Year and Those now in Progress at the University of Minnesota." No discussion.

DR. PRICE: The work of Drs. Hartzell and Larson is much appreciated by the Institute and by resolution at the joint meeting yesterday Four Thousand Dollars were voted from the funds of the Research Institute that their work might be continued and its scope enlarged.

M. H. GARVIN, Winnepeg, Manitoba, read a paper entitled: "Foci of Infection in Relation to Non-Vital Teeth." No discussion.

As this completed the scientific program for the morning the next order of business was the Election of Officers, which resulted as follows:

Weston A. Price, Chairman, 8803 Euclid Avenue, Cleveland, Ohio.

Frank O. Hetrick, Vice-Chairman, 324 Main Street, Ottawa, Kansas.

Harrison R. C. Wilson, Secretary, Cleveland, Ohio.

S. P. Cameron, Delegate, Philadelphia, Penn.

Charles F. Chandler, Alternate, Montgomery, Alabama.

The session then adjourned to meet again on Friday morning.

FRIDAY MORNING—Second Session.

This session was called to order by the Chairman, Weston A. Price, at 9:30 A. M.

SAMUEL E. POND, Acting Research Director, Cleveland, Ohio, presented "A Study of (a) Vital Mechanisms Involved in the Functioning of Bacteria and Tissue Cells; (b) The Alignment of Agencies to Accomplish Destruction of the Former without the destruction of the Latter." (Report from the Laboratories of the Research Institute of the National Dental Association, Cleveland, Ohio).

No discussion.

CARL J. GROVE, St. Paul, Minnesota, read a paper entitled: "Some Causes for Periapical Infections with the Pathology," illustrated by lantern slides. Discussed by W. E. Tennant, Fond du Lac, Wisconsin; E. E. Merz, Minneapolis, Minnesota; W. C. Adams, Portland, Oregon; Weston A. Price, Cleveland, Ohio; C. S. Tuller, New Orleans; Vida A. Latham, 1644 Morse Avenue, Chicago, and Dr. Grove.

FREDERICK S. McKAY, New York City, was not present so his paper entitled: "A Report of Further Studies on the Brown Stain Problem," upon motion seconded and carried, was read by title only and is to be published with the proceedings.

WILLIAM J. GIES, Columbia University, New York City, was to have presented a paper entitled: "A Report of

Progress in the Study of the Relation of the Glands of Internal Secretion to Dental Problems," but was not present and his paper had not been submitted, so the Chairman ruled that it be passed by title and published.

As this ended the program and there was no further business to come before the Section at this time, the meeting adjourned sine die.

Operative Dentistry, Materia Medica and Therapeutics.

OFFICERS.

Chairman—DeLos L. Hill, Atlanta, Ga.
Vice-Chairman—J. F. Biddle, Pittsburgh, Pa.
Secretary—Fred E. Hart, San Francisco, Cal.

WEDNESDAY—First Session.

The first session of Section on Operative Dentistry, Materia Medica and Therapeutics was held in the Florentine Room, Congress Hotel, Chicago, on Wednesday, August 7, 1918, and the second session Friday morning, August 9th, 1918.

The first session was called to order at nine o'clock A. M. Wednesday, by DeLos L. Hill, Chairman of the Section.

Percy R. Howe, Boston, Mass., presented and read a paper on "Experimental Pyorrhea."

Thomas B. Hartzell, who was to have opened the discussion of Dr. Howe's paper, was not present; nor was Jacob W. Yungman of Cleveland, Ohio; nor was Robin Adair, of Atlanta, Georgia, who was detained at home by illness.

The paper was opened for general discussion and the following participated: A. W. Ward, 1204 Head Building, San Francisco, California; H. J. Leonard, 515 Syndicate Building, Minneapolis, Minn.; and the discussion was closed by the essayist.

James M. Prime, of Omaha, Nebraska, presented and read a paper on "Some Timely Thoughts on Pure Operative Dentistry, With a Special Reference to Gold Foil."

H. Herbert Johnson, of Macon, Georgia, who was to have opened the discussion of Dr. Prime's paper, was absent on account of illness; Richard L. Simpson, of Richmond, Virginia, who was also to have discussed the paper, was not present, nor was F. W. Hergert, of Seattle, Washington, who was to have also discussed the paper, present.

The paper was generally discussed by Dr. Darby, of Philadelphia, George D. Sitherwood, 118 West Washington street, Bloomington, Illinois, and the discussion was closed by the essayist.

Walden I. Ferrier, of Burlington, Washington, who was to have read a paper on, "Preparation of Cavities and Manipulation of Gold Foil in Compound Cavities in Molars and Bicuspids," was unable to be present, on account of being in the military service, and his paper was read by C. J. Stansberg, of Seattle, Washington.

Alfred R. Starr, of New York City, who was to have opened the discussion of Dr. Ferrier's paper, was unexpectedly called back to New York, and his written discussion was left with the Chairman. Upon motion duly made, seconded, and carried, this written discussion was turned over to the stenographer, to be published with the paper.

The same course was followed with the discussions of James M. Walls and Justin D. Towner, of St. Paul, and Memphis, respectively.

The same course was followed with reference to a written discussion presented by B. B. McCollum, of Los Angeles, California.

Dr. Prime stated that the subject is

worthy of discussion, but on account of the lateness of the hour, he would refrain from entering upon the discussion which he had contemplated.

The Section thereupon proceeded to the election of officers for the ensuing year, and a delegate and alternate to the House of Delegates.

J. F. Biddle, Pittsburgh, Pennsylvania, was elected Chairman of the Section.

H. Herbert Johnson, Macon, Georgia, was elected Vice-Chairman.

Harold S. Smith, Chicago, Ill., was elected Secretary.

Albert L. Midgley, of Providence, Rhode Island, was elected Delegate to the House of Delegates.

The Section thereupon adjourned until nine o'clock A. M., Friday morning, August 9th, 1918.

FRIDAY—Second Session.

The Section was called to order Friday, August 9, 1918, 9 o'clock A. M., by the Chairman.

H. E. Friesell, of Pittsburg, Pennsylvania, read a paper entitled, "The Significance of Tooth Forms in the Prevention of Oral Focal Infection."

Dr. Friesell's paper was discussed by John V. Conzett, Dubuque, Iowa, Edmund Noyes, 1434 Peoples Gas Building, Chicago; John F. Dwight, Des Moines, Iowa; Joseph Johnson, Selby and Milton Streets, St. Paul, Minnesota; Herbert C. Miller, Portland, Oregon (East Sixth and Oregon streets); and the discussion was closed by the essayist.

(Charles E. Woodbury, of Council Bluffs, Iowa, and Harry B. Tileston, Louisville, Kentucky, who were programed to have discussed Dr. Friesell's paper, were not present.)

Fred W. Gethro, of Chicago, read a paper on, "The Treatment and Filling of Root Canals."

Dr. Gethro's paper was discussed by H. Friesell, Pittsburgh; Edgar Coolidge, Chicago; G. H. Henderson, 340 North Central Avenue, Chicago; Herbert C. Miller, Portland, Oregon; A. D. Black, Chicago, Ill.; F. B. Miller, Altoona, Pennsylvania; and the discussion was closed by the essayist.

At the conclusion of the scientific program, a copy of "The Natural History of Human Teeth," by John Hunter, Surgeon Extraordinary to the King, etc.; published and printed in London, 1803, was sold at auction, and realized the sum of $25.00, the successful bidder being Mrs. Coolidge. The proceeds of this sale, as well as the donations to be enumerated, are destined for the Salvation Army's work in France.

The following cash donations for the same cause, were also made::

F. J. Renz, paid	$5.00
I. E. Woodbury, paid	5.00
A. S. Little, paid	5.00
J. C. Waddell, paid	5.00
B. P. Rial, paid	5.00
R. R. Gillis, paid	5.00
Edmund Noyes, paid	5.00
	$35.00
$1.00 subscriptions	20.00
	$55.00
Mrs. E. D. Coolidge, 25 E. Washington St.	25.00
	$80.00

Adjourned.

Organization, Mouth Hygiene and Public Service.

OFFICERS.

Chairman—C. R. Lawrence, Enid, Okla.
Vice-Chairman—Charles H. Oakman, Detroit, Mich.
Secretary—C. M. Kennedy, Des Moines, Iowa.

WEDNESDAY—First Session.

The first session of the section on Organization, Mouth Hygiene and Public Service of the National Dental Association was held on Wednesday, August 7, 1918, in the Elizabethan Room, Congress Hotel, Chicago. The meeting was called to order at 9:30 A. M. by the Chairman, C. R. Lawrence, Enid, Okla.

The program consisted of a symposium on "Mouth Hygiene in Schools, Public Institutions and Corporations."

The first paper was: "Establishing and Maintaining a Dental Clinic in a Municipality," by George F. Burke, Detroit, Mich. It was discussed by Charles H. Oakman, Detroit, Mich.; W. R. Davis, Flint, Mich.; H. C. R. Wilson, 731 Spokane Bldg., Spokane, Wash.; Grant Tenway, Boylston, St., Boston, Mass.; Dr. Edmund, Maybury, Va.; Sidney J. Rauh, Cincinnati, O.; George F. Burke, Detroit, Mich. (Closing).

The second paper was: "Textbooks for Schools," by Maude Tanner, Portland, Ore. It was discussed by Burton Lee Thorpe, St. Louis, Mo.; Charles H. Oakman, Detroit, Mich.; Major Mitchell, Oklahoma City, Okla.; George F. Burke, Detroit, Mich.; W. G. Ebersole, Cleveland, O.; Maude Tanner, Portland, Ore. (Closing).

Burton Lee Thorpe, St. Louis, Mo., made the following motion: "That we, the members of the organization, Mouth Hygiene and Public Service Section, recommend to the Trustees of the National Dental Association the book just published by Maude Tanner and ask them to formulate some plan by which this book may be brought to the attention of the public and placed in the public schools."

Motion seconded and carried.

The third paper was: "The Work in the Rochester Schools" by Harvey J. Burkhart, Rochester, N. Y. It was discussed by Charles H. Oakman, Detroit, Mich.; Dr. Bonnell, Muskogee, Okla.; George F. Burke, Detroit, Mich.; John P. Reece, Bloomington, Ill.; F. F. Whitcomb, Paxton Bldg., Omaha, Nebr.; W. G. Ebersole, Cleveland, Ohio; Sidney J. Rauh, 54 Harrison Bldg., Cincinnati, O.; W. G. Davis, Flint, Mich.; Harvey J. Burkhart, Rochester, N. Y. (Closing).

The fourth paper was: "Oral Hygiene as a State Health Educational Function," by William A. Howe, Albany, N. Y. It was discussed by W. G. Ebersole, Cleveland, Ohio; Alvin E. Carr, Minneapolis, Minn.; Charles H. Oakman, Detroit, Mich.; Sidney J. Rauh, Cincinnati, Ohio; and William A. Howe, Albany. (Closing).

The next order of business was the election of officers for the ensuing year.

C. M. Kennedy, Chairman, 605 Citizens Bank Bldg., Des Moines, Ia.

Charles H. Oakman, Vice-Chairman, Detroit, Mich.

Burton Lee Thorpe, Secretary, St. Louis, Mo.

Charles H. Oakman, Member House of Delegates, Detroit, Mich.

Fred F. Whitcomb, Alternate, House of Delegates, Omaha, Neb.

FRIDAY—Second Session.

The second meeting of the Section on Organization, Mouth Hygiene and Public Service, was held in the Elizabethan Room, Congress Hotel, Friday, August 9, 1918. The meeting was called to order at 9:20 A. M. by the Chairman, C. R. Lawrence, Enid, Okla.

The first paper on the program was:

"Study Clubs—The Place of Study Clubs in Dental Education," by John V. Conzett, Dubuque, Iowa.

The second paper was: "Standardizing the Tooth Brush—Ideal Method of Brushing the Teeth and Standardizing the Tooth Brush," by William J. Charters, Des Moines, Iowa.

It was discussed by Dr. Temple, Tulsa, Okla.; A. C. Thompson, David Whitney Bldg., Detroit, Mich.; George F. Burke, Detroit, Mich.; W. G. Ebersole, Cleveland, Ohio; Sidney J. Rauh, Cincinnati, O.; Albert L. LeGro, Detroit, Mich., and William J. Charters. (Closing).

W. G. EBERSOLE Cleveland, O., moved "That a committee be appointed by this section to systematize the method of personal care of the human mouth and recommended to the association by this section for adoption."

Motion carried.

There being no further business, the meeting adjourned.

Oral Surgery, Exodontia and Anesthesia.

OFFICERS.

Chairman—M. E. Vance, Lincoln, Nebr.
Vice Chairman—Arthur R. Smith, Chicago, Ill.
Secretary—Chalmers J. Lyons, Ann Arbor, Mich.

TUESDAY—First Session.

The first session of the section on Oral Surgery, Exodontia and Anesthesia of the National Dental Association was held in the Elizabethan Room, Congress Hotel, Chicago, Tuesday afternoon, August 6, 1918.

The meeting was called to order at 2 P. M. by the Chairman, Mark E. Vance, Lincoln, Nebraska.

The first paper on the program was "Cleft Palate and Harelip Procedures," by William L. Shearer, Omaha, Nebraska. It was discussed by Truman W. Brophy, Chicago; Charles H. Oakman, Detroit, Mich.; John W. Seybold, Denver, Colo.; Chalmers J. Lyons, Ann Arbor, Mich.; Thomas L. Gilmer, Chicago; Carl D. Lucas, Indianapolis, Ind.; and William L. Shearer, Omaha, (closing.)

The second paper on the program was: "Recent Progress in the Management of War Injuries of the Face and Jaws" by Robert H. Ivy, Major M. C., U. S. A., Milwaukee, Wis. It was discussed by Joseph D. Eby, Major, U. S. A., Atlanta, Ga.; George E. Meyer, Chicago; Charles H. Oakman, Detroit, Mich.; and Robert H. Ivy, Milwaukee, (closing.)

The next order of business was the election of officers for the ensuing year. The following officers were elected:

Arthur E. Smith, Chairman, Chicago.

Chalmers J. Lyons, Vice-Chairman, Ann Arbor, Mich.

John W. Seybold, Secretary, Denver, Colo.

John A. West, Member House of Delegates, Des Moines, Iowa.

Mark E. Vance, Alternate, House of Delegates, Lincoln, Nebr.

There being no further business the meeting adjourned Wednesday afternoon at 2 P. M.

WEDNESDAY—Second Session.

The second session of the Section on Oral Surgery and Anesthesia of the National Dental Association was held on Wednesday afternoon, August 7, 1918, in the Elizabethan Room, Congress Hotel, Chicago. The meeting was called to order at 2 P. M. by the Chairman, Mark E. Vance, Lincoln, Nebr.

The first paper on the program was: "Anesthetics in Dentistry. Special Consideration of Nitrous Oxide and Oxygen; Its Characteristics as an Anesthetic; Its

Indications and Contra-indications in Dental Practice." (With lantern slides.) By J. P. Henahan, Cleveland, Ohio.

It was discussed by James A. Jent, Pittsburgh, Pa.; Arthur E. Smith, Chicago; Frederick F. Molt, Chicago; and J. P. Henahan, Cleveland. (Closing).

The second paper on the program was a symposium on "Apioectomy." The first paper was: "Indications and Contra-indications," by Chalmers J. Lyons, Ann Arbor, Mich. The second paper was: "Operative Procedure," by Carl D. Lucas, Indianapolis, Ind. The third paper was: "Pre-operative and Post-operative Treatment," by Samuel L. Silverman, Atlanta, Ga.

The papers were discussed by Elmer S. Best, Minneapolis, Minn.; Don M. Graham, Detroit, Mich.; W. G. Ebersole, Cleveland, Ohio; Dr. Carl D. Lucas, Indianapolis (closing); Dr. Chalmers J. Lyons, Ann Arbor, Mich. (closing); and Samuel L. Silverman, Atlanta, Ga. (closing).

The next paper on the program was: "Interpretation of Radiographs from the Standpoint of the General Practitioner," by John F. Stephan, Cleveland, Ohio. There was no discussion.

Dr. Samuel L. Silverman, Atlanta, Ga., asked that his paper be omitted from the transactions, as he did not wish to have it published.

There being no further business the meeting adjourned.

Prosthetic Dentistry and Crown and Bridge Work.

OFFICERS.

Chairman—Forrest H. Orton, St. Paul, Minn.
Vice-Chairman—Alden J. Bush, Columbus, Ohio.
Secretary—K. G. Knoche, Chicago, Ill.

TUESDAY—First Session.

The first session of Section on Prosthetic Dentistry and Crown and Bridge Work was held in the Gold Room, Congress Hotel, Chicago, on Tuesday afternoon, August 6, 1918, and the second session was held on Wednesday afternoon, August 7, 1918.

The First Section was called to order by Forrest H. Orton, Chairman, at two o'clock P. M.

Oscar A. Weiss, of Minneapolis, Minnesota, read a paper on "Some Questions of Articulation in Artificial Dentures."

Dr. Weiss' paper was discussed by Drs. Dayton Dunbar, Campbell, Kansas City, Missouri; F. A. Frahm, of Los Angeles, California; (Dr. Richard Summa, of St. Louis, Missouri, who was to have discussed the paper, not being present); George H. Wilson, Cleveland, Ohio, Ruper E. Hall, Chicago; and the discussion was closed by the Essayist.

A paper was read by M. M. House, Indianapolis, Indiana, on "A Scientific Technic in the Construction of an Artificial Denture."

(The discussion of Dr. House's paper was deferred until the next meeting of Section.)

Adjournment.

WEDNESDAY—Second Session.

The Section was called to order Wednesday, two o'clock P. M., August 7, 1918, by the Chairman.

The discussion of Dr. House's paper was thereupon proceeded with.

This paper was discussed by Drs. W. M. Randall, Louisville, Kentucky; Norman S. Essig, Philadelphia, Pennsylvania, William A. Giffen, Detroit, Michigan, and the discussion was then closed by the Essayist.

The program for Wednesday afternoon

was thereupon proceeded with as follows:

Edwin H. Mauk, of San Francisco, presented and read a paper on "The Meaning of Unfavorable Conditions in Crown and Bridge Work."

Dr. Mauk's paper was discussed by Julius F. Hovestadt, Boston, Massachusetts, and Victor C. Smedley, Denver, Colorado, and the discussion was closed by the Essayist.

Forrest H. Orton, St. Paul, Minnesota, presented and read a paper entitled, "General Improvement of Technic in Crown and Bridge Work, From a Teacher's Standpoint or Point of View."

Marcus L. Ward, of Ann Arbor, Michigan, who was to have opened the discussion of Dr. Orton's paper, was not present; nor was I. N. Broomell, of Philadelphia, Pennsylvania, who was to have also discussed the paper.

The paper was discussed generally by Drs. J. K. Burgess, of New York, and by Edwin H. Mauk.

The election of officers of the section and the election of a delegate and alternate to the House of Delegates was then proceeded with.

William A. Giffen, Detroit, was elected Chairman.

Dr. Julius F. Hovestadt, of Boston, Massachusetts, was elected Vice-Chairman.

K. G. Knoche, was elected Secretary.

Upon motion duly made and seconded, Forrest H. Orton, St. Paul, Minnesota, was elected Delegate to House of Delegates; Edwin H. Mauk, San Francisco, California, was elected Alternate.

Adjournment.

Preparedness League of American Dentists.

OFFICERS.

President—J. W. Beach, Buffalo, N. Y.
Vice-President—Otto U. King, Chicago, Ill.
Honorary Executive Secretary—W. A. Heckard, New York City.
Secretary—Homer C. Brown, Columbus, Ohio.
Treasurer—L. M. Waugh, New York City.

WEDNESDAY—First Session.

Meeting called to order on Wednesday, August 7th, 1918, at 9:30 A. M. by J. W. Beach, the President.

Reading of President's Address.

Address by Arthur N. Davis on "Practicing in the Enemy's Country."

Reading of communications by Homer C. Brown, Secretary.

Short Address by Major W. A. Heckard.

Reading of Treasurer's Report by L. M. Waugh.

(The meeting was then turned over to the direction of Director-General Charles F. Ash).

Address by Dr. Ash.

Discussion on general work of the League.

On motion duly made, seconded and carried, F. M. Casto, Cleveland, Ohio, and R. Ottolengui, New York City, were appointed a Committee to draw up resolutions to be presented at Friday's meeting.

On motion duly made, seconded and carried, the President was authorized to appoint a nominating committee to bring in the names of officers to be acted upon at the next meeting.

Adjournment until Friday, August 9, 1918, at 9:00 A. M.

FRIDAY—Second Session.

Second session called to order by President, J. W. Beach, Friday morning, August 9th, at 9:30 A. M.

Addresses by Capt. H. S. Thompson, A. E. Webster, Maj. W. R. Green, and Maj. Magee, of the Canadian Dental Association.

Address on "The Dental Motor Car," by S. M. Weaver.

Resignation of Director-General Chas. F. Ash, presented and accepted.

Report of Committee, consisting of F. M. Casto and R. Ottolengui, extending a vote of thanks to the American Society of Orthodontists for their donation of a car to be used at Camp Greenleaf, read and adopted.

Report of same Committee extending thanks and good wishes to Major W. A. Heckard read and adopted.

Report of nominating committee adopted, and the unanimous ballot of the League was cast for the following officers:

J. W. Beach, President, Buffalo, N. Y.

J. D. Millikin, Vice-President, San Francisco, Cal.

O. A. Oliver, Secretary, Nashville, Tenn.

L. M. Waugh, Treasurer, New York City.

William D. Tracy, Director-General, New York City.

Addresses by newly elected officers.

On motion duly made, seconded and carried, the office of "Honorary Executive Secretary" was abolished; the incumbent of the office at headquarters to be known as "Representative of the Surgeon-General's office."

Adjournment.

PROCEEDINGS OF THE HOUSE OF DELEGATES OF THE TWENTY-SECOND ANNUAL SESSION OF THE NATIONAL DENTAL ASSOCIATION

Held in Chicago, Ill., August 5, 6, 7, 8 and 9, 1918

MONDAY, AUGUST 5, 1918—FIRST SESSION

THE House of Delegates met in the Masonic Hall of the Auditorium Hotel, Chicago, and was called to order at 10:30 A. M. by the President, Colonel William H. G. Logan, Chicago.

A quorum being present, roll call was dispensed with.

THE PRESIDENT announced the following Reference Committees:

COMMITTEE ON SECTIONS AND SECTION WORK.

J. D. Millikin, California, Chairman.
M. M. House, Indiana.
Walter H. Shearer, Texas.

COMMITTEE ON RULES AND ORDER.

F. M. Casto, Ohio, Chairman.
H. A. Maves, Minnesota.
J. H. Wallace, Nebraska.

COMMITTEE ON DENTAL EDUCATION.

Frank O. Hetrick, Kansas City, Chairman.
C. Victor Vignes, Louisiana.
Charles H. Oakman, Michigan.

COMMITTEE ON LEGISLATION.

Emory A. Bryant, District of Columbia, Chairman.
A. H. Reynolds, Pennsylvania.
Louis Meisburger, New York.

COMMITTEE ON REPORTS OF OFFICERS.

Thomas P. Hinman, Georgia, Chairman.
H. J. Burkhart, New York.
James P. Harper, Missouri.

COMMITTEE ON CREDENTIALS.

F. L. Hunt, North Carolina, Chairman.
J. F. Biddle, Pennsylvania.
J. W. S. Gallagher, Minnesota.

COMMITTEE ON MISCELLANEOUS BUSINESS.

C. C. Allen, Kansas, Chairman.
L. L. Barber, Ohio.
B. Holly Smith, Maryland.

Henry A. Kelly, Portland, Maine, Vice-President, took the Chair.

PRESIDENT LOGAN stated that he would present to the House of Delegates one subject, and another to the general session. The one to the general session would deal with "Problems of the Dental Service of the United States Army, Its Development During the Present War," and in his report to the House of Delegates he would present the subject of the classification of State Dental Examining Boards and the creation of a body to be designed as the "National Board of Dental Examiners of the United States."

THE CLASSIFICATION OF THE STATE DENTAL EXAMINING BOARDS AND THE CREATION OF A BODY TO BE DESIGNATED AS THE NATIONAL BOARD OF DENTAL EXAMINERS FOR THE UNITED STATES.

By Wm. H. G. Logan, Colonel, Medical Corps, U. S. A.

(Read before the House of Delegates of the National Dental Association, Chicago, Ill., August 5-9, 1918.)

The Classification of the State Dental Examining Boards by the Dental Educational Council of the United States.

AT THE annual meeting of the National Dental Association held at Old Point Comfort, Virginia, 1907, the initial steps were taken which led to the organization of the Dental Educational Council of America, a body originally composed of three members each from the National Association of Dental Faculties, National Association of Dental Examiners and the National Dental Association, and this Dental Educational Council of America was instructed to inspect and classify the dental colleges of this country and report their findings for approval to each of the bodies represented by that committee.

Congress specified on October 6, 1917, or ten years later, "that all regulations concerning the enlistment of Medical Students in the Enlisted Reserve Corps and their continuance in their college courses, while subject to call to active duty, shall apply similarly to Dental Students," and these regulations pertaining to Medical Students have definitely specified that Medical Students should only be permitted to enlist in the Enlisted Reserve Corps of the Medical Department when they were in attendance upon Medical Schools that had been classed by the Surgeon General's Office as well recognized. Therefore, it became a legal necessity that the Surgeon General's Office be furnished with an authentic list of the well recognized dental schools of this country. Under the urgency of this situation, your President submitted to the Surgeon General a list of Dental Schools that had been accepted as a worthy Dental Institute by the National Faculties' Association and in the Association of Dental Colleges of American Universities. This list of Dental Schools, when presented to the Surgeon General, was accepted, at that time, as the group to be specified as well recognized Dental Institutions, and their students were permitted to enlist in the Enlisted Reserve Corps of the Medical Department.

On January 23, 1918, at the annual meeting of the American Institute of Dental Teachers held at Pittsburgh, Pennsylvania, a request was made on behalf of the Surgeon General by Lieut. Col. Arnold, M. C. N. A., that the Dental Educational Council of America complete a classification of the Dental Schools and submit it to the Surgeon General for his consideration. This request was unanimously concurred in

by the American Institute of Dental Educational Council of America and is ready for final acceptance. The action taken will be reported to you thru its Secretary, Dean Henry L. Banzhaf, at a mutually agreeable hour during this meeting, but before taking up the two main thoughts that I desire to bring before you, it should be definitely stated that the Surgeon General of the Army has not asked any association or committee to decide for him what school is to be or not to be considered as well recognized, as that prerogative is reserved to himself, but he has requested that the Educational Council of America, the membership of which represents the schools, the examining boards, and the dental profession, should express to him its concensus of opinion as to what constitutes a well recognized school, and what dental schools, in its opinion, are well recognized, and any additional data or classification that they wish to submit, that he may be in a position to quickly reach a final decision when any Dental College thinks its classification has been unjust.

I have now reached the point where I desire to make certain statements to amplify two definite recommendations for the consideration of the House of Delegates, for this body represents all the possible interests involved in the Dental welfare for America. The various State Dental Examining Boards, singly or collectively, thru their State or National Association, besides determining with finality who shall and who shall not practice dentistry in the respective states of the Union, definitely prescribe what the qualifications of a student must be, both as to age and education, before he can enter upon the study of Dentistry; also defines, after his acceptance, the length of time said student must devote to dental instruction and the subjects he must pursue. Because of these facts, they have largely influenced the nature of the instruction to be imparted to the student body.

After considering the great power exercised by the State Dental Examining Boards, and the weight and importance given their findings in the determination of the classification of Dental Schools, the following idea has presented itself to me in such a positive form, I feel called upon to affirm that in view of the fact that the examining boards have failed to give definite evidence to the profession or to the teaching institutions of the country, that they have arrived among themselves at a satisfactory adjustment of a plan or the adoption of regulations which would give sufficient uniformity as to make the result just to themselves, just to the Dental Schools and just to the applicants who appear before them for license to practice, is it not, therefore, fair, appropriate and equitable that we ask for the same classification and standardization of the examinations given by the various State Dental Examining Boards as has been demanded and granted in reference to the classification of Dental Schools? Believing that it is and because of the great benefit that would accrue to Dental Education, I respectfully suggest that it be made the duty of the Dental Educational Council of America to investigate the different methods employed by the various State Boards to ascertain the professional fitness of men who seek to secure licenses to practice Dentistry, and upon their findings classify the various State Boards into the same grades that Dental Schools have been or are to be classified at this meeting.

In accordance with the ideas expressed, the recommendation is made that a resolution emanate from the House of Delegates, requesting that the Dental Educational Council of America shall, in addition to their present duties, inspect and classify the various State Dental Examining Boards and report

their findings for approval. Furthermore, that $500 be appropriated from the Treasury of the National Dental Association to assist in defraying the expenses incurred, and that an appropriation of $200 be requested from the National Dental Examiners and the National Dental Faculties' Association, and $100 from the Association of Dental Schools of American Universities.

THE CREATION OF A BOARD TO BE KNOWN AS THE NATIONAL BOARD OF DENTAL EXAMINERS FOR THE UNITED STATES.

It is probably a correct statement to make that soon after the establishment of the first Dental Colleges of this country, the wisdom of the creation of an authoritative examining board to which Dentists could appear for license and be furnished a certificate to practice, and have said licensure be recognized in any state or territory or extra-territorial possessions, upon presentation of the official credentials of this National Board, without being required to present himself for another examination. Practically all members of the profession have been in agreement that dental reciprocity is an ideal devoutly to be sought, but to date no practical solution, if presented, has been accepted. Therefore, I take the liberty of bringing this subject before you again. To my mind, one of the essential preliminary steps necessary to secure Dental reciprocity, is to be found in the need for the classification and standardization of the dental examination given by the various state dental examining boards, for example: If only a few of the state boards which are worthy of being designated as Class "A," and whose dental laws would permit, should co-operate with a National Board of Dental Examiners, the membership of which had been selected from the National Dental Examiners' Association, the Dental Colleges of this country and the National Dental Association, and an agreement had been reached to a uniform procedure to test the practical and professional knowledge of the applicants, and a single set of questions prepared for the examination to be held in each state on the same day, and protecting all steps in the test leading to license in the same manner that the United States Army and Navy and Civil Service organizations protect their examinations from fraud, altho held in different parts of the country at the same time, is it not fair to assume that these state boards could reach an agreement among themselves that any man who passed such an examination satisfactorily could be granted reciprocity in the states participating in this act, for the duration of his life, providing he presented, in addition to his original certificate of license, credentials as to his moral and professional standing at the time he desired to change his location from his home state dental examining board?

If the question of classification of state dental examining boards and the establishment of a National Board of Dental Examiners for the United States is approached with sincerity and honesty of purpose, the subject warrants the necessary funds to carry the work forward can be secured. Therefore, my second recommendation is respectfully submitted for your decision:

It is recommended that this body appoint a committee of five who shall devise ways and means for the creation of a board to be known as the National Board of Dental Examiners of the United States, and said committee be ordered to report its conclusions for approval and adoption to the House of Delegates at the next annual meeting of the National Dental Association.

The president's address was referred to the Reference Committee on Reports of Officers.

REPORT OF THE GENERAL SECRETARY TO THE HOUSE OF DELEGATES.

I submit the following report:

The following table shows the organization of Constituent Societies. It also makes a comparison of the 1918 membership with the 1917 and 1916 report on membership, by State Societies.

State	No. Component Societies.....	No. Members 1916.....	No. Members 1917.....	No. Members 1918.....	No. Delegates 1918.....
Alabama		129	198	198	2
Alaska Territory....			1	35	1
Arizona		25	24	18	1
Arkansas		106	135	104	2
California State.....		406	679	504	4
California Southern.		151	440	381	3
Colorado		242	295	302	3
Connecticut		344	396	421	3
Delaware		3	3	4	1
District of Columbia.		112	123	118	2
Florida		136	148	136	2
Foreign Members....		3	8	1	1
Georgia		213	212	269	8
Hawaiian Islands....		...	...	15	1
Idaho		...	...	...	...
Illinois	27	1675	1844	1979	11
Indiana	7	727	973	837	5
Iowa	12	710	900	903	6
Kansas	9	482	440	428	3
Kentucky	8	303	354	308	3
Louisiana		66	123	141	2
Maine		129	155	144	2
Maryland		172	210	186	2
Massachusetts	5	665	215	951	6
Michigan	10	820	765	788	5
Minnesota	7	668	745	870	5
Mississippi		134	125	140	2
Missouri	11	705	804	746	5
Montana		59	114	59	1
National Capital.....		27	35	37	1
Nebraska		369	411	395	3
Nevada		...	...	1	1
New Hampshire.....		...	24	22	1
New Jersey	12	435	569	567	4
New Mexico		27	49	59	1
New York	9	2889	1565,1434		8
North Carolina		...	291	123	2
North Dakota		127	141	4	1
Ohio	28	1289	1327	1258	7
Oklahoma	7	255	297	278	2
Oregon	7	131	184	143	2
Pennsylvania	15	802	1443	1091	6
Philippine Islands...		2	2	1	1
Porto Rico		..	37	..	1
Rhode Island		114	119	128	2
South Carolina		14	177	3	1
South Dakota		3	175	158	2
Tennessee		154	265	218	2
Texas		503	463	468	3
Utah		188	116	128	2
Vermont		117	85	75	1
Virginia		168	193	210	2
Washington	8	258	451	503	4
West Virginia	6	134	182	168	2
Wisconsin	18	446	695	518	4
Wyoming		16	49	21	1
U. S. Army Dental Corps		81	44	60	1
U. S. Navy Dental Corps		..	13	14	1

A summary of the tabulated report shows that the following State Societies have made an increase in membership in their 1918 report over that of 1917:

	No. Members	Sent in Since Closing Books.
Massachusetts	736	
Illinois	135	40
Minnesota	135	
Georgia	57	
Washington	52	4
Alaska	34	
Connecticut	25	
Michigan	23	42
Louisiana	18	
Virginia	17	
U. S. Army Dental Corps	16	32
Mississippi	15	
Hawaiian Islands.....	15	
Utah	12	
New Mexico	10	
Rhode Island	9	
Colorado	7	
Texas	5	12
Iowa	3	
Alabama	2	
National Capital	2	
Delaware	1	
Navy Dental Corps.....	1	2
Nevada	1	

We are sorry to report that the above table shows that the following State Societies have reported a decrease in membership:

	No. Members	Sent in Since Closing Books.
Pennsylvania	352	80
Wisconsin	177	69
California State	175	
South Carolina	174	
North Carolina	168	47
North Dakota	137	144
Indiana	136	15
New York	131	349
Ohio	69	8

	No. Members Sent in Since Closing Books.	
California Southern	59	
Missouri	58	
Montana	55	
Tennessee	47	10
Kentucky	46	5
Oregon	41	37
Porto Rico	37	
Arkansas	31	
Wyoming	28	
Maryland	24	
Oklahoma	19	8
South Dakota	17	2
Nebraska	16	
West Virginia	14	
Florida	12	
Kansas	12	2
Maine	11	
Foreign Members	7	
Arizona	6	2
District of Columbia	5	
New Hampshire	2	
New Jersey	2	
Philippine Islands	1	

MEMBERSHIP.

The membership of the National Dental Association in the tabulated report shows a slight decrease in membership. However, it should be noted that on account of the New York meeting being held in October while this meeting is being held in August, there is a difference of three months, giving us only a nine month year. Therefore, from the amount of money that has been turned in since balancing our books, we are confident that notwithstanding the great war crisis thru which we have passed this year, our membership for 1918 will exceed by one thousand members the record of 1917.

Thus we will have by the close of our fiscal year an active membership of over 21,000.

Other matters in which the office of the Secretary of the Association has been concerned, viz: Report of the Board of Trustees to the House of Delegates, Treasurer's report, Relief Fund report, Legislative Committee report, and others will be reported to this body from other sources.

Respectfully submitted,

OTTO U. KING,
General Secretary.

This report was referred to the Reference Committee on Reports of Officers.

REPORT OF THE JUDICIAL COUNCIL.

C. R. LAWRENCE, Oklahoma, Chairman, made an oral report, stating that five complaints had come before the Judicial Council and had been satisfactorily adjusted, consequently there was nothing further to report to the House of Delegates.

ON MOTION, the report was received and approved.

REPORT OF COMMITTEE ON DENTAL LEGISLATION.

HOMER C. BROWN, Ohio, Chairman, read the report of the Committee on Dental Legislation, which was referred to the Reference Committee on Legislation.

The report is as follows:

REPORT OF THE LEGISLATIVE COMMITTEE.

In presenting the report of the Legislative Committee, we first desire to quote from the proceedings of the House of Delegates in adopting the report of the Legislative Reference Committee last year, which was in harmony with one of our Committees' recommendations, as follows:

> "The Committee recommends that the Legislative Committee be authorized and requested to continue its work acting at such time as in their judgment is most opportune for the object of securing for the Dental Corps of the Navy an equal status with the Medical Corps of that service, similar to the conditions now existing in the Army."

In view of the fact that considerable time elapsed before our legislation for the Army Dental Corps, of October 6, 1917, was officially interpreted, and inasmuch as various reports were current as to what had been secured, we deemed it advisable to postpone any definite action until all the provisions of this legislation had been finally passed upon in order that we might profit by our past experience as well as best determine our course. In this connection, we feel fully justified in stating that every claim, with one exception, made in our report of last year as to what had been secured has been officially verified. The exception is with reference to the number of the dental officers promoted to the higher grades. Our estimate was nine Colonels, sixteen Lieutenant-Colonels and seventy-one Majors. Instead of this, twelve Colonels, twenty Lieutenant Colonels and eighty-seven Majors were advised of their promotions, but for some reason their commissions were withheld. In the meantime, there has been much discussion from time to time as to the actual strength of the Regular Army and it was only a few days ago that the Judge Advocate General passed upon this question and a report is current to the effect that two Colonels and four Lieutenant Colonels of the Dental Corps will be demoted. This recent opinion affects the Medical Corps of the Army in a similar manner, except that the Army and Navy Journal reports that the

commissions had been actually received by the medical officers.

Following the Army Dental Corps legislation, there was much discussion and considerable criticism because of the fact that no provision was made for the Reserve Corps and in this connection we quote from our report of last year as follows: "No appointment should be occasioned because the Dental Reserve is not specifically referred to; however, this legislation automatically provides the same grades for our Reserve Corps members as are provided for the Medical Reserve Corps." Your committee feels that the final outcome of the Reserve Corps question harmonizes so well with our views thus expressed, and is now so well known to the profession generally, that further comment is unnecessary, except to say that we assumed it to be a part of our duties to keep in as close touch as possible with this whole situation until the question was finally and satisfactorily passed upon.

The official interpretation of the Army Dental Corps legislation come none too soon, inasmuch as some persons interested in Naval Dental Corps legislation took the question up with an interested Senator who submitted a bill to the Department for comment. This proposed legislation was not seemingly satisfactory to anyone, as far as we have been able to determine, but in the meantime we prepared the following bill in harmony with the action of the House of Delegates and it was introduced by Senator Lodge January 5, 1918:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Dental Corps of the Navy shall consist of commissioned officers of the same grades and proportionally distributed among such grades as are now or may be hereafter provided by law for the Medical Corps, who shall have the rank, pay, promotions, and allowances of officers of corresponding grades in the Medical Corps, including the right to retirement as in the case of other officers, and there shall be one dental officer for every thousand of the total strength of the Navy and Marine Corps authorized from time to time by law: Provided, That dental examining boards shall consist of one officer of the Medical Corps and two officers of the Dental Corps: Provided further, That immediately following the approval of this Act all members of the Dental Corps now in active service shall be recommissioned in the Dental Corps in the grades herein authorized in the order of their seniority and without loss of pay, rank, allowances, or precedence in the Navy: And provided further, That nothing in this Act shall be construed as in any way affecting the original appointment of officers to the Dental Corps as provided in the "Act approved August twenty-ninth, nineteen hundred and sixteen, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes:" And provided further, That when ordered to active duty officers of the Dental Reserve Corps shall receive promotion in rank under the same relative conditions and provisions of active service as is provided in this Act for the Navy Dental Corps."

Some time after this, Senator Tillman introduced a bill prepared by the Department and it was very readily appreciated that anything with the support of the Department was likely to receive favorable consideration; therefore, it was recognized that we probably would have to finally plan to amend the Tillman bill to harmonize with the provisions of the Lodge bill. This somewhat handicapped us since we were in a sense duty bound to fight for the Lodge bill, but at the same time we made it a strong point that it did not matter as to whose bill was passed as the main issue was to secure legislation for the Naval Corps harmonizing as nearly as possible with that secured for the Army Dental Corps last year. This was in no sense an easy task as many unexpected angles developed. However, the following legislation was enacted and approved by the President July 1, 1918:

"That all laws heretofore enacted by Congress relating to the Medical Reserve Corps and Dental Reserve Corps be, and the same hereby are, repealed: Provided, That members of the Medical Reserve Corps and Dental Reserve Corps may be enrolled in the Naval Reserve Force in their present grades and ranks."

"That the Act approved August twenty-ninth, nineteen hundred and sixteen, entitled 'An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes' (Statutes at Large, volume thirty-nine, chapter four hundred and seventeen, pages five hundred and seventy-three and five hundred and seventy-four), be, and the same is hereby, amended by striking out all of said Act, following the caption "Naval Dental Corps" on page five hundred and seventy-three, but preceding the caption 'Dental Reserve Corps,' on page five hundred and seventy-four, and by submitting therefor the following:

"That the President of the United States is hereby authorized to appoint and commission, by and with the advice and consent of the Senate, dental officers in the Navy at the rate of one for each thousand of the total authorized number of officers and enlisted men of the Navy and Marine Corps, in the grades of assistant dental surgeon, passed assistant dental surgeon and dental surgeon, who shall constitute the Naval Dental Corps, and shall be a part of the Medical Department of the Navy Original appointments to the

Naval Dental Corps shall be made in the grade of assistant dental surgeon with the rank of lieutenant (junior grade), and all dental officers now in the Dental Corps appointed under the provisions of the Act of Congress approved August twenty-second, nineteen hundred and twelve (Statutes at Large, volume thirty-seven, page three hundred and forty-five), or under the provisions of the Act of Congress approved August twenty-ninth, nineteen hundred and sixteen (Statutes at Large, volume thirty-nine page five hundred and seventy-three), or who may hereafter be appointed, shall take rank and precedence with officers of the Naval Medical Corps of the same rank according to the dates of their respective commissions or original appointments, and all such dental officers shall be eligible for advancement in grade and rank in the same manner and under the same conditions as officers of the Naval Medical Corps with or next after whom they take precedence, and shall receive the same pay and allowances as officers of corresponding rank and length of service in the Naval Medical Corps up to and including the rank of lieutenant commander; Provided, That dental surgeons shall be eligible for advancement in pay and allowances, but not in rank, to and including the pay and allowances of commander and captain, subject to such examinations as the Secretary of the Navy may prescribe, except that the number of dental surgeons with the pay and allowances of captain shall not exceed four and one-half per centum and the number of dental surgeons with the pay and allowances of commander shall not exceed eight per centum of the total authorized number of dental officers: Provided further, That dental surgeons shall be eligible for advancement to the pay and allowances of commander and captain when their total active service as dental officers in the Navy is such that if rendered as officers of the Naval Dental Corps, it would place them in the list of medical officers with the pay and allowances of commander or captain, as the case may be. And provided further, That dental officers who shall have gained or lost numbers on the Navy list shall be considered to have gained or lost service accordingly; and the time served by dental officers on active duty as acting assistant dental surgeons and assistant dental surgeons under provisions of law existing prior to the passage of this Act shall be reckoned in computing the increased service pay and service for precedence and promotion of dental officers herein authorized or heretofore appointed.

"All appointees authorized by this Act shall be citizens of the United States between twenty-one and thirty-two years of age and shall be graduates of standard medical or dental colleges and trained in the several branches of dentistry, and shall, before appointment, have successfully passed mental, moral, physical and professional examinations before medical and professional examining boards appointed by the Secretary of the Navy, and have been recommended for appointment by such boards: Provided, That hereafter no person shall be appointed as assistant dental surgeon in the Navy who is not a graduate of a standard medical or dental college.

"Officers of the Naval Dental Corps shall become eligible for retirement in the same manner and under the same conditions as now prescribed by law for officers of the Naval Medical Corps, except that section fourteen hundred and forty-five of the Revised Statutes of the United States shall not be applicable to dental officers, and they shall not be entitled to rank above lieutenant commander on the retired list, or to retired pay above that of captain.

"All dental officers now serving under probationary appointments shall become immediately eligible for permanent appointment under the provisions of this Act, subject to the examination prescribed by the Secretary of the Navy for original appointment as dental officers, and may be appointed assistant dental surgeon with the rank of lieutenant (junior grade) to rank from the date of their probationary appointments: Provided, That the senior dental officers now at the United States Naval Academy shall not be displaced by the provisions of this Act, and he shall hereafter have the grade of dental surgeon and the rank, pay, and allowances of lieutenant commander, and he shall not be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in the line of duty: Provided further, That no dental officer in the Navy who on original appointment as dental officer was over forty years of age shall be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in line of duty.

"All Acts or parts of Acts inconsistent with the provisions of this Act relating to the Dental Corps of the Navy are hereby repealed: Provided, That nothing herein contained shall be construed to legislate out of the service any officer now in the Medical Department of the Navy or to reduce the rank, pay, or allowances now authorized by the law for any officer of the Navy."

We appreciate that this is a long bill and a brief resume may assist in determining the changes resulting therefrom.

First: All laws relating to the Medical and Dental Reserve Corps were repealed with a proviso that such Reserve officers may be transfer-

red to the Naval Reserve Force. This harmonizes with other Reserve officers of the Navy.

Second: Applicants passing the required examination are immediately commissioned in the Naval Dental Corps as Lieutenants (Junior Grade) which corresponds to First Lieutenant in the Army, instead of serving a two year probationary period as heretofore required. All probationary officers now in service immediately become eligible for permanent appointment.

Third: Officers in the Naval Dental Corps are eligible for advancement in grade and rank in the same manner and under like conditions as officers in the Naval Medical Corps up to and including the rank of Lieutenant Commander, which corresponds to Major in the Army.

Fourth: A specific percentage of Dental officers become eligible for advancement in pay and allowances of Commander and Captain, but are not granted rank. (Commander and Captain in the Navy correspond respectively to Lieutenant Colonel and Colonel in the Army.)

Fifth: Twelve to fifteen members of the Naval Dental Corps will be eligible to immediate promotion to the grade of Lieutenant Commander. The number in this grade is not limited, while under the provisions of the legislation of August 29, 1916, the number in this grade was limited to eight and such promotion was only reached after twenty years' service.

Sixth: Unfortunately this is not quite as satisfactory legislation as that enacted October 6, 1917, for the Army Dental Corps. One reason which might be assigned for this is the fact that the Navy Dental Corps has only had six years of service, while the Army Corps was organized by an Act of Congress in 1901. Also it should be understood that in the Navy the administrative features relating to duty on board ship and in hospitals is somewhat of a closer personal nature than the Army, thus increasing the liability for complications regarding rank which was probably the most prominent feature of the Department's opposition to granting further rank. However, one very important feature was secured that is the computing of rank and precedence from the date of original appointment for the members of the corps, who had served in the acting grades. At this particular time this was of more importance than the obtaining of the rank of Commander and Captain, since in all probability the future will take care of this by the time these grades will be reached by any of the older members of the Corps. With the obtaining of original grades and rank in the same Act, provision is automatically made whereby the dental officers of the Reserve force are eligible to promotion up to and including the rank of Lieutenant Commander, under like conditions as obtained for the reserve officers in the Army. Thus it will be observed that for all practical purposes of the present, as well as the immediate future, the profession's status has been decidedly advanced and as a result we confidently expect an increase of efficiency in the service rendered the personnel of the Navy by its Dental officers, both regular and reserve, to the end that further and greater achievement may come to our well organized, proficiently officered and highly appreciated Navy.

Your Legislative Committee is of the opinion that it will be advantageous to the personnel of the Army and Navy to modify the regulations of the present limitations regarding the dental service rendered, as well as to make ample provision for the necessary and unlimited dental treatment in the hospitals of reconstruction for those who may be invalided home from the war zone. Unless it is possible to accomplish all of this by regulation it may become necessary to increase the percentage of dental officers, in both branches of the service, by legislation.

The question of process patent legislation relating to method and procedure in connection with the treating of diseases or the correcting of physical defects has been considered by your committee and it would seem highly desirable that such patents be prohibited and we present the question to the House of Delegates for such action as they deem advisable.

The question of a National Examining Board and a plan of reciprocity whereby those who have rendered service in the Reserve Corps of the Army and Navy may be licensed to practice in any state that they may desire were presented from various sources and considered by our committee, but in view of the fact that your President presented one phase of this question in detail we feel confident that these two points will receive full and careful consideration by the House of Delegates.

The dental profession will undoubtedly be interested in the legislation enacted just before Congress recently recessed, relating to the Medical Department of the Army, as follows:

"That the Medical Department of the Regular Army be, and is hereby, increased by one assistant surgeon general, for service abroad during the present war, who shall have the rank of Major General, and two Assistant Surgeon Generals, who shall have the rank of Brigadier General, all of whom shall be appointed from the Medical Corps of the Regular Army.

That the President may nominate and appoint in the Medical Department of the National Army, by and with the advice and consent of the Senate, from the Medical Corps of the Regular Army not to exceed two Major Generals and four Brigadier Generals.

That the commissioned officers of the Medical Corps of the Regular Army, none of whom shall have rank above that of Colonel, shall be proportionately distributed in the several grades as now provided by law.

That the commissioned officers of the Medi-

cal Reserve Corps of the Regular Army, none of whom shall have rank above that of Colonel, shall be proportionately distributed in the several grades as now provided by law for the Medical Corps of the Regular Army: Provided, That nothing in this act shall be held or construed so as to discharge any officer of the Regular Army or deprive him of a commission which he now holds therein."

In this connection we quote from our Dental Law of October 6, 1917, as follows:

"Hereafter the Dental Corps of the Army shall consist of commissioned officers of the same grade and proportionately distributed among such grades as are now or may be hereafter provided by law for the Medical Corps, who shall have the rank, pay, promotion and allowances of officers of the corresponding grades in the Medical Corps, including the right to retirement as in the case of other officers, and there shall be one dental officer for every thousand of the total strength of the Regular Army authorized from time to time by law."

From the above it will be apparent that there may be further promotion for our representatives in the Army, but only an official interpretation will determine this.

In conclusion your committee desires to make public acknowledgment of the friendly interest evidenced in our legislation by the following Senators and Congressmen: Senators Lodge, Swanson, Smith (of Maryland), Penrose, Lewis, Pomerene, Wadsworth, Speaker Champ Clark, Congressmen Padgett, Talbott, Riordan, Butler, Browning, Dent, Kahn, Brumbaugh, Carlin and Keating.

We further desire to express our appreciation for the courtesies and consideration shown us by Admiral William C. Braisted, Surgeon-General of the Navy, and Surgeon-General William C. Gorgas of the Army, and we recommend that the House of Delegates direct the Secretary to promptly send personal letters of appreciation and thanks to all of these persons.

Respectfully submitted,

HOMER C. BROWN, Chairman,
C. B. GIFFORD, Secretary,
J. A. WEST,
HERBERT L. WHEELER,
L. L. BARBER,

Legislative Committee.

REPORT OF COMMITTEE ON TRANSPORTATION.

To the House of Delegates of the National Dental Association:

The Committee on Transportation early in the year made application to the various Passenger Associations for reduced fares to our meeting, but universally received the reply that "by reason of governmental operation of the railways the question of the continuation of convention and other special fares is tentatively in abeyance, and that the facilities of the railroads are being taxed to the utmost in moving troops, munitions, fuels, food and other essentials with indications that demands in that relation will increase rather than decrease."

The situation is unchanged up to the present time and no reductions in fares could be obtained.

Respectfully submitted,

JOS. D. EBY,
BURTON LEE THORPE,
ROSCOE A. DAY,
JOHN J. WELKER,
D. C. BACON, Chm.,

Committee on Transportation and Place of Sessions.

ON MOTION, the report was received and approved.

EDWARD S. GAYLORD, Connecticut, Chairman, read the report on "National Relief Fund," as follows:

REPORT OF COMMITTEE ON RELIEF FUND FOR 1917-1918.

Your committee submit the following report:

SECURITIES AND FINANCE

Of the National Dental Association Relief Fund as per Statement of the Treasurer of the National Dental Association, July 31st, 1918.

Liberty Loan Bonds, 2nd Issue	$15000.00
U. S. Steel Preferred Stock	500.00
5 Bonds American Guarantee Co. of Ind.	500.00
War Savings Certificates, Purchased by Interest on Liberty Loan Bonds	299.72
4% Certificate Citizens State Bank, Huntington, Ind.	8073.55
Holston National Bank, Knoxville, Tenn., Sav. Acct. No. 6863—$4453.42, less expense order No. 12, $314.00	4139.42
Total	$28512.69

A net increase over last year of $8,449.45.

In our last report we placed our hope on an advance of even figures and made thirty thousand our slogan; we fall short by $1,487.31 of the goal we hoped for. This fact is by no means discouraging when we consider the tension of finance the past year, we are quite optomistic for the prospect of the fund the year we are now entering. The collection of vast sums the past year has been an object lesson to every-one, we believe a system of team work for this object can be carried on in every State with good result.

We must carry our message to the new members of this great Association as well as refresh the memory of older ones, just what this relief fund stands for. The many and increasing appeals to your committee the years past by members of long standing in this body, reveals the fact that they have either forgotten the plan, or in dire distress ignore every business principle, crying for the help they so much need.

We are not in fault finding mood for having to bear this burden, but when actual necessity compels members to appeal, who for years have been regular contributors to this fund, it touches a tender spot to write letters of refusal, explaining from a business standpoint, why it is impossible to render assistance until we have a sufficient amount of interest bearing securities from which to dispense relief.

In our former reports we have not emphasized the number and nature of constant calls for assistance, but as our membership increases, in like proportion do our relief calls multiply; so if we live up to our original proposition, we must show brotherly interest in response to suffering in our own household, so munificently exhibited every hour thruout this broad land. The idea is too prevalent this is a fund solely for the aged and infirm; but we would emphasize the fact all members in actual need are included; and the proceeds of our contributions will go as directly to the relief of suffering, as that given to Red Cross, or any of the many organizations now so nobly engaged.

For six years we employed various methods of collection, until attracted by the great success of the Red Cross, at Christmas season, we devised a seal emblematic of our need, and confine our efforts at the Yule-tide, when the whole world seems responsive to the fine sense of lending happiness to others.

With many of our members, it has become a habit of duty and pleasure, to regularly purchase one hundred or more of these Xmas seals; we would impress this fine obligation upon more of our members, and remind them this Xmas call is the only one made in the interest of our fellows during the year, and only a small sum from each, which if response is made **by** each, we will in the next twelve-months have the coveted sum of fifty thousand dollars, this being the least possible amount from which to draw a revenue, and this would supply but small relief by subdivision among our applicants.

It is with no small amount of regret, the several States have not followed the example of Tennessee Dental Association, contributing annually one dollar per capita to the relief fund; had this been done, as is being done for another object, we would long ago have exceeded fifty thousand and given **practical**, in place of theoretical aid to our needy colleagues.

Members of the National Dental Association, do you know by your careless inaction you are today withholding food, fuel and clothing, from men whose hands you many times have clasped at these annual meetings?

Do you realize, or can you picture in mind, what one dollar from every working member of this Association would be able to do, dispensed by a committee of your own selection?

Can you not in mind, see the eager supplicative faces longing for a little of the comfort of former days for themselves and their loved ones, when a dollar from each of us would dry the tears, and a God bless you, would come swelling from the inmost soul of every recipient?

Will you this year help your Committee to a fund of working basis, notwithstanding the endless and urgent calls upon every one?

Let's try and find a dollar, or even fifty cents, to help make the home of our unfortunate Brothers a little more as it used to be.

WE CAN DO IT. Let's all pull together.

Respectfully submitted,
E. S. GAYLORD, Chairman Committee.
L. G. NOEL,
W. T. CHAMBERS,
JAMES McMANUS,

Respectfully submitted,

ON MOTION, which was duly seconded and carried, the report was received and approved.

REPORT OF G. V. BLACK MEMORIAL COMMITTEE.

THE G. V. BLACK MEMORIAL being the next thing in order, the Chairman, Colonel William H. G. Logan, reported that the Memorial was completed, in place, and ready for dedication on Thursday afternoon.

ON MOTION, the report was received and approved.

J. F. BIDDLE, Pennsylvania, Chairman, presented the report of the Committee on History, which was received and approved.

The report is as follows:

REPORT OF COMMITTEE ON HISTORY.

It is not feasible at this time to present a detailed report upon the history of this organization, so that our plan, only, will be suggested, the completed history to be offered at our next annual meeting.

It is the desire of the committee to produce a history similar to the one compiled about five years ago for the American Institute of Dental Teachers and to which facts are added yearly. This history includes photographs and short sketches of the activities of its successive presidents as well as an outline of the various progressive movements of the organization from its inception to the present time.

In a history of this larger organization, however, it might be of interest to include photographs and sketches of its successive secretaries as well.

Members who may be in possession of facts of interest to members of this organization and which

would be of value to incorporate in a work of this character are urged to communicate with this committee.

Respectfully submitted,

J. F. BIDDLE.

The Secretary presented the following report of the Committee on Codification of the Constitution and By-laws:

CODIFICATION OF CONSTITUTION AND BY-LAWS.

To the House of Delegates:

The committee appointed by the House of Delegates on Codification of Constitution and By-Laws desires to report that it has completed its work and has had the Constitution and By-laws as codified printed for distribution to the members of the House of Delegates.

Respectfully submitted,

OTTO U. KING, Secretary.

ON MOTION, the report was received and approved.

CHARLES F. ASH, New York, spoke on the great need of the conservation of platinum.

The President said that a special committee should be appointed to report back to the House of Delegates on ways and means to preserve platinum.

THOMAS P. HINMAN, Georgia, accordingly moved that such a committee be appointed by the President.

Seconded and carried.

THE PRESIDENT appointed on this committee Charles F. Ash, New York City; Weston A. Price, Cleveland, Ohio, and F. E. Roach, Chicago, to report on Wednesday.

WESTON A. PRICE, Ohio, Chairman, presented the following report of the Committee on Scientific Foundation and Research Commission which was received and referred to the Reference Committee on Miscellaneous Business:

ANNUAL REPORT TO THE HOUSE OF DELEGATES OF THE NATIONAL DENTAL ASSOCIATION FROM THE PRESIDENT OF THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION AND THE CHAIRMAN OF THE RESEARCH COMMISSION.

The activities of this department for the past year have included the following:

General Administration and Finance.
Research Under Grants.
Researches in the Institute Headquarters.
Organization.

General Administration and Finance.

We are happy to announce that the sixth year of our effort to organize a Research Department for the National Association finds the same competently organized and financed and on a permanent basis, with every indication that there will be a substantial and rapid enlargement of the net income for its maintenance and the efficiency of the investigators. The Treasurer's and Auditor's report, herewith attached, indicate that there has been an increase in the net worth during the past year from $69,318.95 to $86,693.72. This is figured, as previously, on the basis of the original cost of the property at $50,000. A recent appraisal of the land and building by a competent firm places it at $85,000, which only allows about one-third as much for the building as it cost, or as would be the cost to erect an equivalent amount of accommodation. The balance of the unpaid mortgage amounts to $31,500. Cash gifts have been secured during the year from lay friends which have amounted to more than the entire interest on the mortgage and the upkeep of the property. The money contributed for research has not been used for either the paying of mortgages, the upkeep of the property or the buying of equipment, all of these having been maintained and provided from the special Building and Equipment Fund, as shown in detail in the Auditor's report. In addition to the maintainence of the work for the past year we have been able to accumulate a substantial cash reserve for beginning the work of the fiscal year just beginning. At the date of writing this report, August 3, this reserve amounts to approximately $8,800. It is necessary, of course, to harbor the resources at this season of the year, since the bulk of the income is received during the six months, January to June. The Auditor's report makes the following statement: "The present annual income from dues from State Societies of approximately $17,000.00 is an income of an endowment of $340,000.00. This asset is not disclosed in our statement of Net Work of the Institute." Approximately four-fifths of the membership of the National Dental Association has now adopted the one dollar per member plan for the support of the Research Institute. However, some of the societies have done so so recently that their income has not as yet become available and is not included in the above figure. The Treasurer's report, herewith attached, gives the amounts received from the various states and reports the states that have complied with the request of the National Association, in its resolution adopted at the last annual meeting as follows:

"That state and constituent societies add one dollar to their dues for the support of the Research Institute, and the funds so collected shall be remitted directly to the Research Institute and that the Treasurer of the Research Institute report to the House of Dele-

gates those states and constituent societies complying with this request."

The members of this House of Delegates will be interested to know the amount of money collected during the six years for the conduction of the researches and the establishment of the Institute. It should be noted, however, that the funds that have become available for the building and equipment were not and could not have been available for research. The total moneys received for the Building and Equipment Fund $28,966.19, researches to date have been $62,580.05, which makes a total of $91,546.24, actual cash that has been secured. The total subscriptions and contributions to date to both funds, after deducting the cancellations received to date, amount to $108,187.22. This figure does not include over six thousand dollars' worth of equipment to the Institute, which was received as gifts by solicitation, nor the income from state societies, which to date has amounted to $14,551, which makes a grand total from cash, subscriptions and gifts of $128,728.32.

Researches Under Grants.

These have been as follows:

Dr. Thomas B. Hartzell, University of Minnesota, Minneapolis, on "The Relation of Mouth Infections to Systemic Disease."

Dr. John R. Callahan, Cincinnati General Hospital, Cincinnati, on "Root Canal Fillings and the Supporting Structures of the Teeth."

Dr. William J. Gies, Columbia University, New York City, on "The Study of the Glands of Internal Secretion and Their Relation to Dental Problems."

Dr. Frederick S. McKay, New York City, on "Studies on Mottled Enamel and Brown Stain."

Reports will be given in the Section on Research on the work done with the assistance of these various grants. Probably all will be given personally except one. During the past year the Research Department and the profession at large has had the great sorrow of losing our esteemed brother and co-worker, Dr. John R. Callahan. One of the greatest privileges of our profession has been to give some assistance to him that enabled him to enlarge his usefulness and conserve his individual strength. Since his death, February, 1918, we have undertaken to round out his work and put it into permanent form. For this purpose Mr. Lang, his technician, brought all of Dr. Callahan's specimens and uncompleted reports to the Research Institute at Cleveland and, with the assistance of others, the material has been put into permanent form, for museum exhibition and publication. We would recommend that the members of this House of Delegates make special effort to see this exhibit, which will be seen in the General Clinic on Thursday morning, and will be on exhibition during the convention. On Wednesday morning his friends from all the states will join in a Memorial Hour to the memory, life work and character of a beloved personal friend, and one of the greatest contributors to the science of the management of pulpless teeth that our profession has ever had. New hands must take up his work and carry it forward.

Researches in the Institute Headquarters.

These have been on the "Management of Pulpless Teeth." On account of the financial stringency, resulting from the maturing of the five year individual pledges and the time required for making the transaction to the one dollar per member basis, it was necessary to reduce the activities in the Institute during the first part of the current year, and an adequate staff was not possible until the last five months. It has also been difficult to secure trained research workers, owing to the war demands which are utilizing practically all the available people. The staff at this time consists of a physiologist, Mr. Samuel E. Pond; a bacteriologist, Dr. Katherine R. Collins; three bacteriological assistants, Miss Ella Capers Weston, Miss Hazel Lyne, and Mr. J. E. Millen; a dental histopathologist, Mr. Alphonse Lang, formerly with Dr. John R. Callahan; a physiological assistant, Mr. Alfred Badger, and a diener, Mrs. G. S. Youngs. The above includes the research staff that is on salary. Mr. S. W. Glaser, a student in the Thomas W. Evans' Dental College, and Mr. J. C. Lupton, a student in the Ohio State University Dental College, are working in the Institute during the interim between college terms without salary for the experience and training in research. The local dental members of the Advisory Board have given splendid assistance and much personal time during the past year. This committee consisting of Drs. Harris R. C. Wilson, Guy D. Lovett, and Wm. C. Stillson. At the recent annual meeting of the Corporation this committee was enlarged to include Drs. Frank M. Casto, Frank Acker, H. L. Ambler and S. F. Hirsch.

Organization.

During the six years in which this Research Department has been in process of creating and founding, much information has become available which indicates what may be expected in the future and wherein lies the greatest strength and weakness of each the Research Institute and the various branches of the dental profession and National Dental Association. It has been established beyond all possibility of question that the members of the dental profession not only want a competently organized Research Department, owned and controlled by the members of the National Dental Association, but that they are willing to support it by providing an annual income sufficient to maintain it on a minimum basis. It has also been demonstrated that the department can render a most valuable service to the dental profession and humanity and that lay friends of the profession are interested in and will assist in supporting and maintaining the institute and its work. The time and energy required for traveling to various states to interest and organize the

members of the profession in the need of supporting research, and the energy expended in a thousand details necessary for organizing the work, will never be required again and it is now possible to concentrate the efforts on constructive investigations. It has been demonstrated, however, that some of the conditions which were expected to be available have not been. It has been recognized as fundamental, in order that the Research Department might have support and be manned with competently trained research workers, that it have a commendable reputation and a distinct individuality. To secure this the original plan of organization took for granted that the placing of grants with men in dental departments of various universities would, by the mutual sharing of the credit for the results of those researches, between the individual, the University and the Research Department of the National Dental Association, create a reputation for the Research Department with which it would get its support within the profession and amongst the laity. It has been a matter of keen disappointment and surprise that, either thru the confliction of this plan with the policies already in vogue in those institutions, or adoption policies, it has been exceedingly difficult to secure the division of credit which the members of the Research Commission have deemed equitable. This is abundantly illustrated in the fact that in the many research reports that have appeared in various journals, reporting the researches that have been conducted in part by grants from the Research Department of the National Dental Association, several have not given the credit to the Research Department of the National Dental Association that was intended should be given. It is also significant that, while this work has taken a liberal portion of the writer's time and strength during the past six years, practically the only opposition and difficulty that has been met with and it has been very considerable, has seemed to be, directly or indirectly, connected, with the dental departments of certain universities. It is also significant that the source of the opposition has not been clearly feasible without investigation. The writer has given very careful study to this problem and is finally and reluctantly convinced that there are a few individuals who positively do not want the Research Institute to exist as an independent institution with an individual reputation; they apparently wish that the moneys for research should be given to the universities for expenditure, which would enable them to practically monopolize and control the research activities of the dental profession and be, virtually, the final and exclusive authorities in all scientific matters pertaining to dentistry. It is clearly within the jurisdiction of any university to establish policies controlling the activities of the men in that institution and to limit them to relationships which would bring credit exclusively to that institution. While we cannot commend such a limited policy, it must be recognized as purely a business question. One leading university apparently with this policy as a factor, has instructed the representative of its faculty, who was receiving a grant from this department, not to receive further grants; that it would furnish him with the funds required and that he should do his work entirely under the auspices of the university. This is our understanding from him. We appreciate this frank statement, which we consider to be entirely just.

The representative of another university has requested that the Research Institute continue to give the grant to that university but that the basis which provides for mutual credit and control be changed in accordance with the following:

> "The money offered by the National Dental Association may be accepted by the University as a fellowship for such researches as the donor may specify, provided the conditions of report and publication of the results of the researches be under the control of a committee appointed by the Faculty of the College of Dental Surgery. The holder of the Fellowship, furthermore, may be nominated by the donor or by the Faculty of the College of Dental Surgery, but final appointment is subject to the approval of the Executive Board of the Graduate School and action by the Board of Regents. Upon appointment the following is to enroll in the Graduate School as a Special Research Fellow, but without being required to pay any fees, unless he become a candidate for an advanced degree."

You will note particularly the following: "Provided the conditions of report and publication of the results of the researches be under the control of a committee appointed by the Faculty of the College of Dental Surgery." That this is not considered equitable by the members of the Research Commission and Officers and Trustees of the National Dental Association is established by the letter vote on the same, which was: Affirmative 6, negative 20. The argument is made that grants given by such institutions as the Carnegies Institution do not require that any credit shall be given to that institution. We would call attention to two groups of facts, which clearly establishes the difference in conditions. First, the purpose and activities of the men who have been seeking to establish a Research Department for the National Dental Association has had as its most important function the development of research for and within the dental profession and controlled by the dental profession. This organization is not one with a purse full of money, seeking a means for distributing it, but rather one with a mission without money available. The other important group of facts we would call to your attention is that the Carnegie Institute has quite completely changed its policies regarding grants. Whereas practically the entire income was expended as grants some few years ago, we are advised, by the President of that institution, that

at present only one-fifth of the income is expended in grants. He states that it has been clearly demonstrated that individuals who are making a business of research, and who are especially qualified for making it their business, will accomplish far more with the same money than men who are making teaching their profession and research their side line. This has clearly been demonstrated by the results of the Rockefeller Institute. We are advised, by correspondence and several individuals, that the dental executive from another university not only has used his influence in his own Association to induce it to withhold its financial support from the Research Institute of the National Dental Association, to be expended in the institution in which he is located, both by personal appeal and communication thru their bulletin, but has gone to an adjoining constituent society of this Association and has urged the withholding of support from the Research Department of the National Dental Association for expenditure in that district. This official gave, as evidence, that he had personally investigated the institution and he gave a very unfavorable report regarding it. The facts are that he visited the institution just a few weeks after it was purchased and opened, and before we had either had time to secure the money or engage individuals to do work in it. It is quite inconceivable to us how any person would be willing to express a judgment under those conditions. The writer has made an exhaustive study of this problem and is convinced that there are some individuals struggling under great handicap, with fundamental problems and who are inspired by a vision based on truth, who should have assistance in the form of grants but that the bulk of the funds of this institution should be expended by people who are specially trained in the science of research and who shall devote their best and entire energies to that effort. The officers of the Research Department have not had, during the past two years, the enthusiastic and conservative cooperation that they had previously and that they think they should have had during that time and that, we have confidence, they will have in the future. We believe that the basis of this lack of cooperation has been the opposition of a very few individuals to the idea of the National Dental Association having a Research Institute with an individuality and an individual reputation. We will ask you, as members of the House of Delegates, to put the tri-square on criticism, if you hear such, and see whether it is constructive in the interest of the dental profession and the National Dental Association, or destructive for the National Dental Association and in the interest of individuals and other institutions. We **solicit constructive criticism.**

We have an abundance of evidence substantiating the statements we have just made and are prepared to make it a part of this report if it is the desire of this body.

As this is not a matter of individual concern but involves a fundamental policy of the National Dental Association, it must, if it becomes a matter of question, be decided by this body. It is already provided for by Article X of the Constitution and By-laws of this Association, as follows:

"The duties of the Commission shall be to raise funds for carrying on exhaustive dental and oral research; to disseminate scientific knowledge; to support, establish and encourage research and such other duties as shall pertain to the furthering of this cause. They shall select from their number an Executive Board of five members, which shall, when the Commission is not in session and has not given specific directions, have general control of the administration of the affairs of the Commission and general supervision of all arrangements for administration, research and other matters undertaken or promoted by the Commission. They shall organize and incorporate a corporation to be known as the National Dental Research Foundation and Institute, or such other name as the Commission shall select, which corporation shall receive, invest and disburse all the moneys provided by the Commission and by themselves. They shall organize this corporation in accordance with the laws and requirements controlling such institutions, except that not less than one-third of the trustees of said corporation shall be provided by the National Dental Association. This Corporation shall seek bequests, endowments, fellowships and such other contributions as shall perfect the purpose and plan of the National Dental Association. They shall make a written annual report to the Commission and to the National Dental Association.

If the policy is not the best one, now is the time to change it. It is a simple matter to go back to the condition in vogue before we had a research Department or to any other such simple arrangement. It will also be very easy to sell, at a handsome profit, the splendid property we now have so large an equity in and divide the purse so obtained between the universities, and to distribute also to them the annual income that has been created with so much effort for supporting dental research. They will, doubtless, use it for creating an individual reputation for their institution, which individual reputation some of them apparently do not want your institution to have. If this is ever to be done it should be done at this time, for it is clearly unjust to instruct your members to construct, with great personal effort and sacrifice, an institution and department which you may later decide to dismantle and discontinue. Nor is it just for us to invite workers to prepare themselves, with great effort, for an efficient life work in such an institution unless we definitely intend it to be permanent.

We, therefore, recommend that this body express

itself in a way that will not leave any question in the minds of the Officers and Trustees of this Association; of those entrusted with the responsibility of carrying out these provisions of your constitution; or of those who apparently do not want this Association to have the kind of Research Department that you have provided for in your Constitution, namely, one with an individual reputation, manned by men and women especially trained for their work who are giving their entire time and effort to the study of the problems of the dental profession, and an institution that, while it is entirely under the control of this Association, by the election of the Research Commission governing it, has those qualities of organization which give it the stability and permanency which are absolutely essential, both for securing the services of the trained scientists and the obtaining of financial support from the laity, such that will provide an endowment sufficient to make possible the worthy enlargement of the work. The writer knows whereof he writes and is assured that liberal gifts will be available for the Research Institute of the National Dental Association, provided that these questions are settled, and in such a way that we are assured they are settled permanently. We not only cannot invite or encourage the giving of gifts for the Research Institute, if permanency is not assured, but we cannot permit those who have already given such assurance to do so under a misapprehension. The writer believes that important gifts have already been lost to the Institute because of the lack of official endorsement and cooperation in the policy established in the Constitution and By-laws of this Association.

Is it reasonable that we should seek or even permit lay financial support for the Institute if the officers of the Association do not heartily endorse the institution? An evidence of the need for an understanding on this point can be seen in the records of the Association as follows: At the Louisville meeting the members of the Research Commission and the Trustees and Officers of the National Dental Association met in several joint sessions in which the members of the Research Commission voted that the Trustees ond Officers of the National Dental Association should be ex-officio members of the Research Commission. Many important questions were taken up and, by a unanimous action, the procedure was determined. We will refer you to the records of those meetings and later meetings of other bodies, as published in The Journal of the National Dental Association, for evidence of confliction. If the Constitution is not correct, now is the time to change it. The present arrangement whereby the Officers and Trustees of the National Dental Association are ex-officio members of the Research Commission provides that they take part in all the deliberations affecting the Research Department but cannot suddenly reverse, by the advent of a new administration, the policies of the Association regarding this important department.

We could not possibly express in money values the profit to the National Dental Association members and to humanity that has been achieved thru the work of the Research department. It would take approximately one-half of a million of dollars in cash to reproduce the tangible monetary assets of the department as an endowment and fund to reproduce the real property. If it has been possible to accomplish this in six years' time, without the complete cooperation and often in the face of opposition, who can estimate what can be accomplished in the next half decade with an enthusiastic and universally active support.

Respectfully submitted,

WESTON A. PRICE.

REPORT TO THE HOUSE OF DELEGATES FROM THE TREASURER OF THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION.

A financial statement of the states which have complied with the request of the National Dental Association, "that state and constituent societies add one dollar to their dues for the support of the Research Institute * * * * *"

States	At the close of fiscal year 1916	1917	1918	Since Audit	Total
*Arizona			$ 18.00		$ 18.00
**California			343.00	14.00	357.00
South Carolina			221.00	130.00	351.00
Colorado			180.00	122.00	302.00
District of Columbia			117.00		117.00
Illinois			1811.00	54.00	1865.00
Indiana			609.00	178.00	787.00
Iowa			819.00	400.00	1219.00
Kansas				418.00	418.00
Kentucky		$247.00	267.00	63.00	577.00
Louisiana			90.00	138.00	228.00
Michigan			493.00	253.00	746.00
Missouri			609.00	30.00	639.00
Montana			132.00	1.00	133.00
Nebraska			399.00	400.00	799.00

New Jersey			525.00	42.00	567.00
New Mexico			37.00	20.00	57.00
New York			.00		00
North Dakota			125.00		125.00
Ohio			1249.00	17.00	1266.00
Oklahoma			263.00	23.00	286.00
Oregon		88.00	170.00	60.00	318.00
Pennsylvania				1111.00	1111.00
South Dakota			155.00	3.00	158.00
Tennessee			205.00	211.00	416.00
Utah		104.00	103.00	129.00	336.00
Vermont			28.00	68.00	96.00
Virginia				208.00	208.00
West Virginia	$121.00	187.00	40.00	151.00	499.00
Wisconsin				493.00	493.00
Wyoming		23.00	36.00		59.00
	$121.00	$649.00	$9044.00	$4737.00	$14551.00

*Voluntarily paid by members. Will vote on plan at the coming November meeting.

**Annual assessment for 1918 and 1919.

The following states have adopted this plan but it does not become operative until next year: Alabama, Arkansas, Minnesota, South Carolina, Texas, Washington.

The following states have not as yet adopted this plan: Alaska Territory, Connecticut, Delaware, Florida, Georgia, Idaho, Maine, Maryland, Massachusetts, Mississippi, National Capitol, Nevada, New Hampshire, North Carolina, Rhode Island.

REPORT OF AUDIT, THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION, JUNE 20, 1918.

Cleveland, July 11, 1918.

Dr. Weston A. Price, President and Managing Director, the Research Institute of the National Dental Association, Cleveland, Ohio.

Dear Sir:

We have made an audit of the books of account and record of The Research Institute of the National Dental Association for the year ended June 20, 1918, and submit our report herewith in the following exhibits and schedules:

Exhibit A—Balance Sheet.
B—Income and Expense.

Schedule No.
1—Equipment.
2—Subscriptions Receivable.
3—Receipts and Disbursements, Research Fund.
4—Receipts and Disbursements, Building Fund.
5—Salaries and Expenses, Research work.
6—Cash Receipts—State Societies—for year ended June 20, 1918.

Comments on the Details of the Examination.

Certificate.

WE HEREBY CERTIFY that the attached Balance Sheet—Exhibit A, and Income and Expense Account—Exhibit B, together with the supporting schedules enumerated above, correctly exhibit the financial history of The Research Institute of the National Dental Association for the fiscal year under review and its financial status as at June 20, 1918, subject to the "Comments on the Details of the Examination" hereto attached and made a part of this report.

Respectfully submitted,
NAU, RUSK & SWEARINGEN,
Certified Public Accountants.

Comments on the Details of the Examination.

Balance Sheet—Exhibit A.

ASSETS.

Land and Buildings—$50,000.00.

There is no change in the value of this asset since our report of audit June 30, 1917.

Equipment—$10,982.86.

This asset is supported in detail by Schedule No. 1 and during the year increased in the sum of $552.51, being for betterments and additional equipment, as follows:

Research Fund—Equipment	$ 42.00
Building Fund—Additions and Betterments.	510.51
Total	$552.51

We verified the items of expenditure increasing the assets as hereinabove stated. No provision has been made for depreciation.

Patents—$285.00.

This item remains the same as heretofore stated in our report of audit June 20, 1917.

Estimated State Societies' Dues—Research Funds	$17,671.00
Subscriptions Receivable — Research Funds	28,354.00
Subscriptions Receivable — Building Funds	5,463.48

These items represent unpaid pledges which we verified with the books of the Institute; Subscriptions Receivable being listed in detail on Schedule No. 2.

Cash—$5,437.38.

The Petty Cash Fund of $100.00 was verified by actual count.

We traced all receipts of cash as recorded on the cash book, directly into the several bank accounts and verified all disbursements against cancelled checks and properly approved vouchers on file.

The balances as stated hereon are in agreement with the balances as certified to us by each of the depositories, after allowing for outstanding checks and interest of $3.48 on the savings account "Endowment Funds" which is not taken into account until subsequent to the fiscal period.

This asset is further supported by Schedules Nos. 3, 4 and 5, showing Receipts and Disbursements for both the Research and Building Funds.

LIABILITIES.

Mortgages Payable—$31,500.00

The liability consists of two notes as follows:

12-24-15, Society for Savings..... @ 5½%, interest paid to 6-1-18.	$27,000.00
12-24-15, Samuel T. Wellman..... @6%, interest paid to 6-15-18.	4,500.00
Total	31,500.00

This liability was certified to us by each of the holders thereof.

No other liabilities appeared upon the books of the Institute, nor were we made aware of any.

TRANSACTIONS—TEN

Deducting the total liabilities, $31,500.00, from the total assets, amounting to $118,193.72, leaves net assets in the sum of $86,693.72, accounted for as follows:

Net Worth—June 20, 1917....$		$69,318.95
Less—Payment for Audit—Appropriation Prior Period	50.00	
—Adjustments of Dues Receivable	134.00	184.00
		$69,134.95
Add—State Society Dues belonging to Prior Period.		7,417.00
		$76,551.95
Income for year ended June 20, 1918		10,141.77
Total—Exhibit A		$86,693.72

Income and Expense—Exhibit B.

This exhibit presents in summarized classification the Income and Expense for the period under review for each separate Fund, resulting as follows:

Research Fund—Income .....$	8,618.35
Building Fund—Income.....	1,523.42
Net Income for the period.....$	10,141.77

This exhibit measures only the income applicable for the period and the actual operating expenses incurred for the period; thus if the Income exceeds the Expenses, the result is a gain or surplus. If the Income is less than the Expenses, the result is a loss or deficit.

This statement is unlike Schedules Nos. 3 and 4, which start with the cash on hand, exhibiting the cash actually received and disbursements made for all purposes, the net result of which is the cash on hand at the close of the period.

The present annual income from dues from State Societies of approximately $17,000.00 is an income of an endowment of $340,000.00. This asset is not disclosed in our statement or Net Worth of the Institute.

General—Recommendations, Etc.

You are at present keeping two cash records in order to record separately the Receipts and Disbursements for each Fund. The separation, of course, is necessary, but the forms are illy designed and do not fully meet the requirements, except thru much work and annoyance. Thus the statements prepared therefrom are very likely to be misleading and uncertain.

It is not necessary to keep two records in order to obtain the desired results for each Fund if the form is correctly designed. Besides, less clerical work will be required to keep the record for each Fund on the same book or form than by using two records. Furthermore, this form can be designed so that all other entries will be recorded thereon; thus the bookkeeping will be reduced practically to the Cash Book and Ledger.

We believe it would be economical, from a bookkeeping standpoint, to discard the present cash books and adopt a record more suitable to the requirements of the Institute and at the same time, provide a more satisfactory plan of keeping the records.

EXHIBIT A.

BALANCE SHEET—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION.

JUNE 20, 1918.

Fixed.	**Assets.**		
Land and Buildings .....$		$ 50,000.00	$
Equipment—Schedule No. 1		10,982.86	
Patents		285.00	61,267.86
Current.			
Estimated Annual Assessments—State Dental Societies—Research Fund		17,671.00	

Subscriptions Receivable—Research Fund—Past Due—Schedule No. 2	18,208.50		
Subscriptions Receivable—Research Fund—Not Due—Schedule No. 2	10,145.50	28,354.00	
Subscriptions Receivable—Building Fund—Past Due—Schedule No. 2	2,609.48		
Subscriptions Receivable—Building Fund—Not Due—Schedule No. 2	2,854.00	5,463.48	
Cash—In Bank—Cleveland Trust Co.—Research Fund—Schedule No. 3	5,140.64		
Cash— In Bank—Guardian Savings & Trust Co.—Building Fund—Schedule No. 4	116.74		
Cash—In Bank—Guardian Savings & Trust Co.—Endowment Fund	80.00		
Cash—Office Fund	100.00	5,437.38	56,925.86
Total Assets			118,193.72
Liabilities.			
Mortgages Payable			31,500.00
Net Worth			86,693.72
Net Worth—June 20, 1917—per books	69,318.95		
Less—Payment from prior appropriations—Audit for year 1917	$ 50.00		
Less—Adjustment of Dues Receivable from State Societies—Year 1917	134.00	184.00	
		69,134.95	
Add—State Society dues belonging to prior year		7,417.00	
		76,551.95	
Income—Year ended June 20, 1918—per Exhibit B		10,141.77	
Net Worth—June 20, 1918		86,693.72	

EXHIBIT B.

INCOME AND EXPENSE—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION JUNE 20, 1918.

(See note below.)

Research Fund.

Income.			
Pledges and Subscriptions Secured	$	$ 1,913.18	$
Less—Cancellations and adjustments		930.00	983.18
Dues Assessed—State Societies			17,671.00
Interest Earned on Bank Balances			70.41
Total			18,724.59
Expense.			
Research Work			
Salaries and Expenses—Schedule No. 5	6,015.61		
Laboratory Supplies	762.01		
Heat, Light and Water	439.40	7,217.02	
Administrative			
Clerical Salaries	1,663.20		
Telephone and Telegraph	175.53		
Postage	181.00		
Office Supplies and Printing	148.66		
General Labor	250.10		
Repairs and Maintenance	84.90		
Miscellaneous	385.83	2,889.22	10,106.24
Income—Research Fund			8,618.35

Building and Equipment Fund.

Income			
Subscriptions and Pledges Secured	3,478.00		
Less—Cancellations and Adjustments	24.00	3,454.00	
Interest Earned on Bank Balances		2.65	
Total		3,456.65	
Expense—Administrative			
Remodeling	185.78		
Repairs and Maintenance	89.87		
Interest on Mortgages	1,657.58	1,933.23	
Net Income—Building and Equipment Fund			1,523.42
Total Income for year ending June 20, 1918— Forward to Exhibit A			10,141.77

Note—Income and expense differ from Receipts and Disbursements. The former is an increase in assets over those formerly reported. See **Schedule 3.**

SCHEDULE NO. 1.

EQUIPMENT—THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION, JUNE 20, 1918.

Furniture and Fixtures	$ 1,449.50
Office Equipment	996.10
Library	1,614.67
Photography	696.55
Chemical	2,153.60
Metallurgical	717.50
Bacteriological	319.46
Pathological	244.37
Physiological	294.13
Equipment Located Elsewhere	651.70
General	1,845.28
Total—Exhibit A	$10,982.86

SCHEDULE NO. 2.

SUBSCRIPTIONS AND PLEDGES RECEIVABLE THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION JUNE 20, 1918.

RESEARCH FUND.

Past Due—		
Payable during year ended June 20, 1913	$ 163.00	
" " " 20, 1914	896.00	
" " " 20, 1915	1,777.50	
" " " 20, 1916	3,040.00	
" " " 20, 1917	5,460.50	
" " " 20, 1918	6,871.50	
Total—Exhibit A		$18,208.50
Not Due—		
Payable during year ended June 20, 1919	$ 6,355.50	
" " " 20, 1920	3,173.00	
" " " 20, 1921	500.00	
" " " 20, 1922	42.00	
" " " 20, 1923	25.00	
" " " 20, 1924	25.00	
" " " 20, 1925	25.00	
Total—Exhibit A		$10,145.50
Total—Subscriptions Receivable—Research Fund		$28,354.00

BUILDING FUND.

Past Due—		
Payable during year ended June 20, 1916	$ 357.99	
" " 20, 1917	883.38	
" " 20, 1918	1,368.11	
Total—Exhibit A		$2,609.48
Not Due—		
Payable during year ended June 20, 1919	$ 1,161.50	
" " 20, 1920	926.50	
" " 20, 1921	746.00	
" " 20, 1922	20.00	
Total—Exhibit A		$2,854.00
Total—Subscriptions Receivable—Building Fund		$5,463.48

TOTAL SUBSCRIPTIONS TO DATE	Research Fund	Building Fund	
Subscriptions—June 20, 1917—per audit report	$73,002.29	$	$30,747.75
Subscriptions—6-20-17 to 6-20-18—Exhibit B 1,913.18		3,478.00	
Less Cancellations and Adjustments—Exhibit B 930.00	983.18	24.00	3,454.00
Total Subscriptions to June 20, 1918	$73,985.47		$34,201.75

SCHEDULE NO. 3.

RECEIPTS AND DISBURSEMENTS.

RESEARCH FUNDS—THE CLEVELAND TRUST COMPANY.

THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION.

YEAR ENDED JUNE 20, 1918.

BALANCE ON HAND—June 20, 1917,—per Audit Report		$	$ 1,014.29
RECEIPTS.			
Regular Subscriptions and Contributions		5,210.18	
State Societies—Schedule No. 6		9,044.00	
Interest on Bank Balances		70.41	
Total Receipts for the Year			14,324.59
			15,338.88
DISBURSEMENTS.			
Assets—			
Office Equipment	6.75		
Laboratory	2.50		
Library	32.75	42.00	
RESEARCH EXPENSES.			
Salaries and Expenses—Schedule No. 5	6,015.61		
Laboratory Supplies	762.01		
Heat, Light and Power	439.40	7,217.02	
ADMINISTRATION EXPENSES.			
Maintenance of Building	84.90		
Clerical Salaries	1,663.20		
Telephone and Telegraph	175.53		
Postage	181.00		
Office Supplies and Printing	148.66		
General Labor	250.10		
Miscellaneous Expense	385.83		
Auditing	50.00	2,939.22	
Total Disbursements for Year			10,198.24
BALANCE ON HAND—June 20, 1918,—Exhibit A			5,140.64

SCHEDULE NO. 4.

RECEIPTS AND DISBURSEMENTS—BUILDING FUNDS.

THE GUARDIAN SAVINGS AND TRUST COMPANY.

THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION.

YEAR ENDED JUNE 20, 1918.

BALANCE—June 20, 1917,—per Audit Report	$	$	$ 47.37
RECEIPTS.			
Regular Subscriptions and Contributions		3,510.46	
Interest on Bank Deposits		2.65	
Total Receipts			3,513.11
			3,560.48
DISBURSEMENTS.			
Equipment and Reduction of Mortgage—			
Sundry Additions to Equipment	510.51		
Payment on Mortgage	1,000.00	1,510.00	
EXPENSES.			
Remodeling	185.78		
Repairs and Maintenance	89.87		
Interest on Mortgage	1,657.58	1,933.23	
Total Disbursements			116.74
BALANCE ON HAND—June 20, 1918,—Exhibit A			3,443.74

SCHEDULE NO. 5.

SALARIES AND EXPENSES—RESEARCH WORK.

Hartzell, Dr. Thos. B		$1,344.76
Bunting, Dr. R. W		50.00
Gies, Dr. Wm. J		250.00
Callahan, Dr. J. R		655.00
		$2,299.76
Damlos, Dr. Milton		27.00
Pond, Dr. Samuel		1,632.35
Moldenhauer, Matilda		229.00
Coopersmith, S		56.00
Collins, Dr. Katherine R		520.00
Lyne, Hazel		135.00
Weston, Ella Capers		248.00
Badger, Alfred		277.50
Youngs, Mrs. Geo. S		250.00
Millen, J. E		127.00
Short-Time Assistants		214.00
		$3,715.85
Total—Exhibit B		$6,015.61

SCHEDULE NO. 6.

CASH RECEIPTS—STATE SOCIETIES.

YEAR ENDED JUNE 20, 1918.

THE RESEARCH INSTITUTE OF THE NATIONAL DENTAL ASSOCIATION.

Arizona	$ 18.00
California	343.00
Southern California	221.00
Colorado	180.00
District of Columbia	117.00
Illinois	1,811.00
Indiana	609.00

Iowa	819.00
Kentucky	267.00
Louisiana	90.00
Michigan	493.00
Missouri	609.00
Montana	132.00
Nebraska	399.00
New Jersey	525.00
New Mexico	37.00
North Dakota	125.00
Ohio	1,249.00
Oklahoma	263.00
Oregon	170.00
South Dakota	155.00
Tennessee	205.00
Utah	103.00
Vermont	28.00
West Virginia	40.00
Wyoming	36.00
Total	$9,044.00

THE COMMITTEE on Credentials called the delegates by states, and as each delegate or alternate responded, he was given a badge which entitled him to a seat in the House of Delegates. Each Delegate was presented with a gold button which served as an invitation and admission to the banquet given to the honored guests and delegates by the local committee.

ON MOTION, the House of Delegates adjourned until 2 P. M.

SECOND SESSION—AUGUST 5, 1918

The House of Delegates reconvened at 2:40 P. M. and was called to order by the President.

The minutes of the morning session were read, corrected and approved.

J. V. CONZETT, Iowa, Chairman, presented the report of the Educational Council of America, as follows:

REPORT OF DENTAL EDUCATIONAL COUNCIL OF AMERICA.

Chicago, Ill., August 5, 1918.

To the National Dental Association:

Gentlemen:—As Secretary of the Dental Educational Council of America, and in accordance with the provisions of Section 3 of our Constitution and By-Laws, I herewith submit to you a report of the work accomplished by this body at its session just closed.

The meeting was called to order by President Albert Midgley, on July 31, at 11 o'clock A. M., and closed on August 3, at 12 o'clock P. M.

For obvious reasons I will limit myself in this report to a summary of the work actually accomplished.

The following amendments to our minimum requirements for Class "A" dental schools were unanimously adopted. A copy of the original printed pamphlet is hereby inserted, marked "Exhibit A," and made a part of this report.

EXHIBIT "A"

Dental Educational Council of America 1917-1918

Albert L. Midgley, President, Providence, R. I.

J. V. Conzett, Vice-President, Dubuque, Iowa.

Henry L. Banzhaf, Secretary-Treasurer, Milwaukee, Wis.

John H. Baldwin, Louisville, Ky.

L. L. Barber, Toledo, Ohio.

Thomas J. Barret, Worcester, Mass.

H. E. Friesell, Pittsburgh, Pa.

S. W. Foster, Atlanta, Georgia.

Louis Meisburger, Buffalo, N. Y.

A. R. Melendy, Knoxville, Tenn.

M. J. Moran, Deming, N. M.

A. H. Reynolds, Philadelphia, Pa.
B. Holly Smith, Baltimore, Md.
George N. West, Chicago, Ill.
Herbert L. Wheeler, New York City.

MINIMUM REQUIREMENTS

For Class "A" Dental Schools, Adopted by the Dental Educational Council of America, at Louisville, Kentucky, July 24, 1918—Revised at New York City, October 22, 1917, and March 26, 1918.

ADMINISTRATIVE POLICY

Section 1. (a) The administrative policy of the school must be satisfactory to the Dental Educational Council of America. The Dean or other executive officer must hold and have authority to carry out fair ideals of dental education.

(b) The value of the building and equipment (grounds excluded) must be equal to at least $300.00 for every student enrolled.

(c) The school must have facilities and equipment for at least twenty-five students in each class.

ENTRANCE REQUIREMENTS

Section 2. (a) The requirements for entrance shall consist of graduation from an accredited high school or academy which requires for graduation not less than fifteen units of high school work obtained in a four-year course beyond the eighth grade of the elementary school. No conditions on the foregoing entrance requirement shall be allowed.

(b) An accredited high school is defined as one which is accredited as a four-year high school by the United States Bureau of Education, or by a university which is a member of the Association of American Universities or by the State University of the state in which the high school is located.

(c) In the case of an applicant who is not a graduate from a high school or academy, as defined above, the full equivalent of such education in each individual case must be established and attested to by the highest public educational officer of the state in which is located the dental school which the applicant seeks to enter.

(d) The entrance credentials of each student enrolled must be kept on file and open to general inspection until after graduation. Not later than sixty days after the opening of school the Dean shall send to the Secretary of the Dental Educational Council and to the Secretary of the local State Board of Dental Examiners a complete list of the students enrolled, together with a sworn statement that each student is possessed of the entrance qualifications outlined above.

(e) Students with two full years credit from Class "A" Medical Schools, approved by the American Medical Association, may be admitted to the sophomore class. No other advanced credit in time may be given in any other case than above specified. No special students shall be accepted unless they are in possession of the entrance requirements specified above.

(f) The foregoing regulations apply to all students including those from foreign countries, and regardless of where the applicant expects to practice his profession.

COURSE OF STUDY

Section 3. (a) Beginning with the session 1917-18 the course must be four years in length, each year to consist of thirty-two weeks and six days in each week. No degrees other than Doctor of Dental Surgery, Doctor of Dental Medicine, or Doctor of Dental Science may be given. Dental subjects may be taught thruout the entire four years. Schools that offer a three-year course with one year of college work as a prerequisite shall not be regarded as satisfactory.

(b) The school must offer a course of at least 4400 hours laboratory and didactic instruction.

(c) The minimum hours devoted to each branch shall be as follows:

Operative and Clinical Dentistry	1300
Prosthetic Technics	384
Crown and Bridge Technics	320
Operative Technics	160
Oral Hygiene	32
Dental Anatomy	96
Orthodontia	96
Oral Surgery	96
Physics, Biology, or Both	192
Chemistry (Inorganic—Organic—Physiological—Metallurgy)	320
Technical Drawing	48
Anatomy	320
Histology	128
Pathology (General and Dental)	128
Materia Medica	64
Bacteriology	128
Physiology	128
Dental Rhetoric	96
Physical Diagnosis, Anesthesia	32
Radiology	32
Jurisprudence, Dental History, Ethics, Economics	32

Additions to Above, or other subjects	268
Total	4400

TEACHING FACILITIES.

Section 4. (a) The classes in dentistry must be taught separately from the classes in any of the other departments, if the dental school in question is part of a university.

(b) The patronage of the infirmary clinic must be such as to give each student at least 150 operations in fillings (gold, inlay, amalgam, cement, root fillings, etc.) prosthetic work, and orthodontia. Treatments preparatory to the above, and cases of exodontia must not be included in the number stated above.

(c) In the anatomical laboratory not more than eight students, working in pairs, may be assigned to one cadaver for a complete dissection.

(d) Every twenty students working in the infirmary at any given time must have the undivided services of at least one demonstrator.

(e) Every thirty students working in the scientific laboratories must have the undivided services of at least one instructor.

(f) Every forty students working in the technic laboratories must have the undivided services of at least one instructor.

(g) No persons except those holding the D. D. S., M. D., or bachelor's degree or equivalent, or who hold a license to practice dentistry, shall be employed as instructors.

LABORATORIES AND OTHER FACILITIES.

Section 5. (a) The school must be possessed of the following number of laboratories and class rooms, equipped in the following manner:

(b) One chemical laboratory equipped to adequately teach qualitative, quantitative, general inorganic and organic chemistry and physiological chemistry.

(c) One microscopical laboratory equipped with sufficient high power microscopic so that each student may be possessed of the use of a microscope when he is working in the laboratory.

(d) Sufficient class rooms—at least one of which must be equipped with lantern for projection.

(e) Sufficient technic laboratories, so that each student in attendance is provided with an individual place for laboratory work.

(f) A dental infirmary, equipped with a sufficient number of dental chairs to adequately serve the senior class. An efficient equipment for sterilizing students' instruments must be provided.

(g) An X-ray outfit for use in conjunction with the dental infirmary.

(h) A dental library constantly available to the students, which shall have at least twice the number of volumes as there are students enrolled in the school.

STATE BOARD RECORD

Section 6. The school must not have more than twenty-five per cent failures before the various State boards more than two years in succession.

ATTENDANCE

Section 7. The record of attendance required of students must not be less than eighty-five per cent for each year.

PROMOTION OF STUDENTS.

Section 8. (a) A student who has incomplete course conditions, or failures, in 60% of his course for any semester shall be dropped.

(b) A student may not be promoted if he has incomplete conditions or failures in more than 20% of the course of any year.

(c) A student who fails to remove a condition or failure within twelve months from the time it was incurred shall automatically be dropped from the school.

(d) An incomplete course is one that has not been completed because of illness or other personal emergency.

PASSING MARK, CONDITIONS AND FAILURES.

Section 9. (a) The passing mark shall be 75%.

(b) A grade between 60 and 74% is defined as a condition.

(c) A grade below 60% is defined as a failure.

(d) A condition may be removed by examination.

(e) A failure may not be removed except by repetition of the course in part or entirely, i. e., by additional work under instruction approved by the Dean or the professor in charge of the subject.

(f) A condition which is not removed within thirty days of the opening of the next year, automatically becomes a fail-

ure and can then only be removed by a repetition of the course.

(g) If a school grades by letters it shall state (publish) definitely the percentage range value of each letter used in designation of standings.

CLASS "B" DENTAL SCHOOL DEFINED.

Schools which in certain particulars do not meet the requirements for Class "A," but may become eligible for Class "A" without complete reorganization.

CLASS "C" DENTAL SCHOOL DEFINED.

Schools which could not meet the requirements for Class "A" without very extensive improvements and a complete reorganization. Class "C" schools shall be considered "not well recognized dental schools."

TRANSFER OF DENTAL STUDENTS

Students of dental schools which have been well recognized but lost this recognition may transfer to well recognized dental schools, if acceptable to these schools. Such students may be accepted as far as entrance requirements are concerned on the requirements of the school in which the student began the study of dentistry.

Under Section 1, "Administrative Policy," another subdivision was added as follows:

"The conduct of a dental school for profit to individuals or a corporation does not meet the standard of fair ideals, as interpreted by the Dental Educational Council of America."

Under "Entrance Requirements," Section 2 (a), the following amendment was made: In the fourth line of the paragraph the following words were stricken out, "beyond the eighth grade of the elementary school," so that when amended this section reads:

"Section 2. (a) The requirements for entrance shall consist of graduation from an accredited high school or academy which required for graduation not less than fifteen units of high school work obtained in a four-year course. No conditions on the foregoing entrance requirement shall be allowed."

Under Section 7, "Attendance," the following words were added:

"Attendance shall be counted from the close of registration," so that when amended this section shall read:

"Section 7. The record of attendance required of students must not be less than eighty-five per cent for each year. Attendance shall be counted from the close of registration."

Under the head of "Promotion of Students," Section 8 (a) following amendment was adopted: Strike out the word "course" as it occurs in the first line of the paragraph, and substitute therefor the word "courses;" strike out the word "conditions;" strike out the word "60%" and substitute therefor the word "40%," and add to the end of the paragraph the words "from his class," so that when amended Section 8 (a) shall read as follows:

"Section 8. (a) A student who has incomplete courses or failures in 40% of his course for any semester shall be dropped from his class."

Under Section 8 (b), the word "incomplete" was struck out, so that it reads:

"Section 8. (b) A student may not be promoted if he has conditions or failures in more than 20% of the course of any year.

The following classification of dental schools was adopted:

CLASS "A"

University of Southern California, College of Dentistry, Los Angeles.

University of California, College of Dentistry, San Francisco.

Northwestern University Dental School, Chicago, Ill.

University of Illinois, College of Dentistry, Chicago, Ill.

University of Iowa, College of Dentistry, Iowa City.

University of Michigan, College of Dentistry, Ann Arbor.

University of Minnesota, College of Dentistry, Minneapolis.

Creighton University Dental School, Omaha, Nebraska.

Ohio State University, College of Dentistry, Columbus.

North Pacific Dental College, Portland, Oregon.

University of Pittsburgh, College of Dentistry, Pittsburgh, Pa.

The Thomas W. Evans Museum and Dental Institute, University of Pennsylvania, Philadelphia, Pa.

Medical College of Virginia, School of Dentistry, Richmond, Va.

Marquette University, College of Dentistry, Milwaukee, Wis.

TENTATIVE CLASS "A"

Harvard Dental School, Boston, Mass., and Tufts Dental College, Boston, Mass.

Classification withheld until these schools meet the Council's requirements

respecting the evaluation of Entrance credentials. When this is done they automatically pass into Class "A."

CLASS "B"

Colorado College of Dental Surgery, Denver, Colo.

Georgetown University, School of Dentistry, Washington, D. C.

Howard University Dental School, Washington, D. C.

Atlanta-Southern Dental College, Atlanta, Ga.

Louisville University, College of Dentistry, Louisville, Ky.

Chicago College of Dental Surgery, Chicago, Ill.

Indiana Dental College, Indianapolis, Indiana.

Loyola University, School of Dentistry, New Orleans, La.

Baltimore College of Dental Surgery, Baltimore, Md.

University of Maryland, Dental Department, Baltimore, Md.

St. Louis University, College of Dentistry, St. Louis.

Washington University Dental School, St. Louis.

Kansas City Dental College, Kansas City, Mo.

Western Dental College, Kansas City, Mo.

University of Buffalo, Dental Department, Buffalo, N. Y.

New York College of Dentistry, New York.

College of Dental and Oral Surgery of New York.

Western Reserve University Dental School, Cleveland, Ohio.

Ohio College of Dental Surgery, Cincinnati, Ohio.

Philadelphia Dental College, Philadelphia, Pa.

Vanderbilt University, School of Dentistry, Nashville, Tenn.

University of Tennessee, College of Dentistry, Memphis, Tenn.

Meharry Dental College, Nashville, Tenn.

College of Physicians and Surgeons, Dental Department, San Francisco, Calif.

George Washington University Dental School, Washington, D. C.

CLASS "C"

Lincoln Dental College, Lincoln, Neb.

College of Jersey City, N. J.

Cincinnati College of Dental Surgery, Cincinnati, Ohio.

State Dental College, Dallas, Texas.

Texas Dental College, Houston, Texas.

The treasurer's report was audited and adopted. A copy of this is hereto attached, marked "Exhibit B," and made a part of this report. From an analysis of this report it was decided that not less than five thousand dollars ($5,000) would be needed to carry on the work of the Council for the ensuing year. The following resolution was unanimously adopted:

"Resolved, that the Secretary be, and hereby is, instructed to request of the National Dental Association a contribution of two thousand dollars ($2,000), of the National Association of Dental Examiners a contribution of one thousand dollars ($1,000), and further that all dental colleges in Classes "A" and "B" be requested to submit to an assessment of 25 cents per student enrolled, based on last year's enrollment."

Respectfully submitted,

HENRY L. BANZHAF,
Secretary-Treasurer.

FINANCIAL STATEMENT OF THE TREASURER OF THE DENTAL EDUCATIONAL COUNCIL OF AMERICA FROM OCTOBER 18th, 1917, TO JULY 30th, 1918.

October 18, 1917, Cash on hand.....$1335.25

(No cash was paid into the treasury of the Council since its last meeting, except for expense of inspection, by the schools which were inspected, upon request, by a Committee from the Council. A separate statement to cover receipts and expenses is made on this account.)

DISBURSEMENTS.

1918		
April 8,	To J. V. Conzett, expense to New York	$100.63
April 8,	To H. E. Friesell, expense to New York	51.00
April 8,	To Hotel Astor, dinner to members	20.55
April 8,	To F. Steinbrecher, clerical expense	35.00
April 11	To A. L. Midgley, expense to New York	32.00
April 11	To Hotel Astor, luncheon to members	32.25
April 16	To A. H. Reynolds, expense to New York	11.00

April 24	To Milwaukee Printing Co	24.40	
April 27	To S. W. Foster, expense to New York	88.00	
May 1	To F. Steinbrecher, clerical services	25.00	
May 6	To B. Holly Smith, expense to New York	29.80	
May 6	To H. L. Banzhaf, expense to New York	117.76	
June	To Hotel Astor	1.00	
June 1	To F. Steinbrecher, clerical services	25.00	
July 11	To Milwaukee Printing Co	35.15	
	To Wisconsin Telephone Co	12.80	
	Petty Cash (detail attached)	62.85	
			694.51
July 30,	Cash on hand		$640.74

FINANCIAL STATEMENT OF THE TREASURER OF THE DENTAL EDUCATIONAL COUNCIL OF AMERICA, ON INSPECTION OF SCHOOLS, SINCE MEETING OF COUNCIL IN MARCH, 1918.

RECEIPTS.

1918.			
May	From St. Louis University Dental School	$ 150.00	
	From Washington University Dental School	150.00	
	From Creighton University Dental School	150.00	
	From Lincoln Dental College	150.00	
	From Kansas City Dental College	150.00	
	From Cincinnati College of Dental Surgery	150.00	
June	From University of Maryland, Dental Department	150.00	
	From Baltimore College of Dental Surgery	150.00	
	From Indiana Dental College	150.00	
	From Medical College of Virginia, Dental Department	150.00	
July	From Western Dental College, Kansas City, Mo	150.00	
	From George Washington University Dental School	200.00	
	From Louisville College of Dentistry	250.00	
	From Colorado College of Dental Surgery	300.00	
	From North Pacific Dental College	300.00	
	From College of P. & S., San Francisco, Calif	300.00	
			$3000.00

DISBURSEMENTS.

June	To A. L. Midgley, inspection expense for May and June (statement attached)	$1005.00	
	To J. V. Conzett, inspection expense for May and June	175.00	
	To H. T. Friesell, inspection expense May and June	130.00	
	To Geo. N. West, inspection expense, Omaha, Lincoln and Kansas City	85.00	
	To A. H. Reynolds, inspection expense, Baltimore, Washington and Richmond	66.43	
July	To T. J. Barrett, on inspection expense Portland, San Francisco and Denver	500.00	
	To A. L. Midgley, 2nd trip to Washington	67.00	
	To J. V. Conzett, inspecting Western Dental	45.00	
	To Geo. N. West, inspecting Western Dental College	60.00	
	To H. E. Friesell, on western trip	500.00	
	To B. J. Barrett, balance on western trip	145.00	
	To A. L. Midgley, Louisville inspection	61.17	
	To A. H. Reynolds, Louisville inspection	151.47	
	To H. L. Wheeler, Louisville inspection	30.35	
	To A. L. Midgley, incidental expense, telegrams, stamps and clerical service	85.17	
	To F. Steinbrecher, clerical service	50.00	
	To H. L. Banzhaf, expense two trips to Chicago	20.00	
	To Wisconsin Telephone Co. and Western Union for telephone and telegraph	30.59	
	To postage, stationery, etc	30.00	
	Total Expense		$3237.18
	Total Receipts		$3000.00
	Deficit		$ 237.18

That part of the report which deals with dental education was referred to the Reference Committee on Dental Education, and the financial part of it to the Board of Trustees.

H. J. BURKHART, New York, said there was so much of importance in the report presented by Dr. Conzett that it occurred to him, if it could be printed and placed in the hands of the members of the House of Delegates, so that they might familiarize themselves with the report before the Reference Committee reports back to the House, they would be in a better position to act intelligently upon it. He simply made this as a suggestion.

FRANK O. HETRICK, Kansas, moved that that part of the report of the Educational Council relating to educational matters be printed and, if possible, be placed in the hands of the members of the House of Delegates; also that the President's Address to the House of Delegates be likewise printed and distributed to the members of the House of Delegates.

Seconded and carried.

REPORT OF COMMITTEE ON DENTAL EDUCATION.

H. E. FRIESELL, Pennsylvania, Chairman, presented the report of the Committee on Dental Education, which was referred to the Reference Committee on Dental Education.

The report is as follows:

REPORT OF COMMITTEE ON DENTAL EDUCATION.

Mr. President, and Members of the House of Delgates:

The Committee on Dental Education is pleased to report that very pronounced advancements have been made in dental education during the past year. The first year of the four year course has been completed, and seems to have given general satisfaction in educational circles.

During the early part of the year the Government, thru the office of the Surgeon General, requested the Dental Educational Council, to inspect the dental schools of the country, and to render a classification of the same, in order that the Government might have a basis upon which to recognize the work of the various schools. This has been done, and the results of that classification will be reported by your representatives on the Dental Educational Council.

Acting upon the information obtained from the schools, and thru the Educational Council, the Surgeon General's Office has indicated to the dental schools of the country the proportionate maximum number of students that should be enrolled in the various classes of each school, and the dental schools have signified their willingness to meet the requirements of the Government in this respect.

The Government has also established a basis upon which dental students may be enlisted in the Medical Enlisted Reserve Corps, assigned to study in dental schools, and the conditions upon which they may remain there. Upon graduation dental students who are members of the Medical Enlisted Reserve Corps are to be called into Government service, and the students making the better records will probably be assigned to duty as dental assistants, and the lower half of the graduating class will be called into service as privates in the Medical Corps.

With reference to the application of the Dental Faculties Association of American Universities for a representation upon the Dental Educational Council, your committee begs leave to report that this question has been carefully gone into from the various angles, and the Dental Educational Council decided to act favorably upon an unofficial recommendation emanating from the Surgeon General's Office to the effect that all dental schools should be members of one Faculties Association, and that all should strive for one common goal looking toward the adoption and maintenance of higher educational standards. Committees have been appointed by both Faculties Association and the Educational Council to confer with a representative of the Surgeon General's Office on the best method of bringing about this highly desirable condition.

The Committee on Dental Education respectfully recommends that the National Dental Association lend the utmost financial support to the Dental Educational Council, as requested by that body.

The Committee also recommends that the National Dental Association give financial aid to the Dental Index Bureau in the excellent work that body has been doing for some years past for the purpose of making dental literature available to the dental profession.

Respectfully submitted,

COMMITTEE ON DENTAL EDUCATION,
H. E. Friesell, Chairman.

Under the head of "New Business," H. E. Friesell, Pennsylvania, presented the following preambles and resolutions, which were referred to the Reference Committee on Dental Legislation:

WHEREAS, It is evident that the resting, supplying and dispensing of medi-

cines should be entrusted only to those trained in the art and science of pharmacy, and,

WHEREAS, The health and well-being of our soldiers demand that they have the same organized and effective pharmaceutical service as is provided for civilians and for the soldiers of the armies of other civilized nations, and the adequate protection against untrained and dangerous pharmaceutical service as is guaranteed by the laws of every state in the Union, and,

WHEREAS, The movement to provide our soldiers with this service and protection has been approved by the American Pharmaceutical Association and the American Medical Association; therefore, be it

RESOLVED, That the National Dental Association favors and urges the establishment, by Congressional enactment, of a Pharmaceutical Corps in the Medical Department of our Army in general accordance with H. R. No. 5531, known as the Edmonds Bill, and now under consideration by the Military Affairs Committee of the House of Representatives, and be it further

RESOLVED, That our Committee on Legislation be instructed to cooperate in this movement in so far as possible, and that the dental publications be requested to give it their support, be it further

RESOLVED, That the Secretary forward copies of these preambles and these resolutions to the Committee on Military Affairs of the House of Representatives, and to the Secretaries of the American Medical Association and the American Pharmaceutical Association.

(Attached to these resolutions were editorials from the Pennsylvania Medical Journal, June, 1918; Journal of the Missouri State Medical Association, July, 1918; Journal of the American Medical Association, June 16, 1917, and a copy of H. R. 5531 Bill.)

ON MOTION, which was duly seconded and carried, the House of Delegates adjourned until Wednesday, August 7, at 4:15 P. M.

THIRD SESSION—AUGUST 7, 1918

The House of Delegates met at 4:15 P. M. and was called to order by the President.

The minutes of the previous session were read and approved.

THE PRESIDENT called for the report of the Reference Committee on Dental Legislation.

Before the reading of the report of the Reference Committee, Homer C. Brown, Ohio, presented a written statement, which is incorporated in the report of the Committee on Legislation, in lieu of verbal remarks made by him at a previous session of the House relative to a modification of the regulations of the present limitations regarding the dental service rendered, as well as to make ample provision for the necessary and unlimited dental treatment in the hospitals of reconstruction for those who may be invalided home from the war zone.

Before taking his seat, Dr. Brown said that his term as a member of the Legislative Committee would expire next year, but he desired to tender his resignation now to take effect at this meeting.

ON MOTION, the resignation of Dr. Brown was accepted.

EMORY A. BRYANT, District of Columbia, Chairman, read the report of the Reference Committee on Legislation as follows:

REPORT OF REFERENCE COMMITTEE ON LEGISLATION.

To the President and House of Delegates of the National Dental Association:

Your Reference Committee on Legislation, to whom was referred the Report of the Committee on Legislation, having met in full and free con-

ference and after careful consideration, do make the following report and recommendations:

1. That the report of the Legislative Committee be approved and adopted as presented.

2. That the recommendations of the Legislative Committee be approved and adopted with the following amplification:

(a) In reference to the increase of dental officers in the Army and Navy Dental Corps, as recommended by the Committee on Legislation, we approve their recommendation and suggest that the House of Delegates endorse the same with the understanding that the Committee be authorized to take up this legislation at such time as would seem advisable to them, provided that this feature cannot be adjusted by departmental regulations.

(b) The National Dental Association being on record regarding the principle and advisability of obtaining legislation relating to the granting of patents "upon any art of curing human disease or ailment or disability or upon any device adapted to the use in the treatment of human disease or used as a substitute for any lost part thereof, or disability or attached to the human body and upon any art making such device, unless such device be adapted to be put on the market and sold."

Therefore, your Committee feels that the Legislative Committee should be authorized and directed to take such steps and measures towards obtaining legislation by Congress as in their discretion will best safeguard the interests of afflicted humanity and the efficient practice of dentistry.

(c) Inasmuch as no specific recommendation was made by the Committee on Legislation regarding the question of a National Dental Examining Board and Reciprocity of Dental Licenses; therefore, no action by the Reference Committee is deemed necessary. However, your Committee deems these matters of such importance to the dental profession that it commends both to the serious consideration of the House of Delegates.

(d) Your Committee feels that the thanks and appreciation of the National Dental Association are due to the Committee on Legislation, and those members of the profession who have aided them, for their untiring efforts and continuous attention to the details associated with the passage of the dental laws relating to the Army and the Navy and their interpretation by the respective departments, and we recommend that the Committee be instructed to continue their efforts in these particulars. We also recommend that the Chairman of the Committee be especially commended and thanked for his efficiency in giving attention to these various details.

We further recommend that the personnel of the present Legislative Committee be continued and that the Secretary of the National Dental Association be directed to promptly send individual letters to the persons designated by the Committee as entitled to the thanks and appreciation of this Association for their consideration and action in relation to Army and Navy Dental Corps Legislation recently enacted by Congress.

Respectfully submitted.

EMORY A. BRYANT, Chairman.
L. MEISBURGER.
ALEXANDER H. REYNOLDS.

After reading the report, Dr. Bryant moved its adoption.

Seconded and carried.

DR. BRYANT also presented as Chairman the following report of the Reference Committee on Legislation relative to the resolutions presented by Dr. H. E. Friesell at a previous session with reference to the dispensing of medicines only by those who are trained in the art of science and pharmacy:

REPORT OF THE REFERENCE COMMITTEE ON LEGISLATION.

To the President and House of Delegates:

Your Reference Committee to whom was referred the resolution relating to proposed legislation for a Pharmaceutical Corps in the Medical Department of the Army in general accordance with H. R. No. 5531, known as the Edmonds Bill, beg leave to report that, while we recognize that the conditions relating to the practice of pharmacy in both the Army and Navy Service due to war emergencies are such as may need serious consideration and perhaps legislation to remedy these conditions, your Committee feel that it is not sufficiently informed upon the subject, or of its effect if enacted into law upon the administration of the Medical Department of the Army.

Without prejudice to its interests, and without more detailed information, we consider it inadvisable at this time to recommend the passage of the resolution by the House of Delegates. Therefore, we return the same with the recommendation that the resolution and papers attached thereto be filed for reference, with the Secretary of this Association.

Respectfully submitted,

EMORY A. BRYANT, Chairman.
L. MEISBURGER.
ALEXANDER H. REYNOLDS.

ON MOTION, the report was adopted.

C. C. ALLEN, Kansas, Chairman, read the report of the Reference Committee on Miscellaneous Business as follows:

REPORT OF REFERENCE COMMITTEE ON MISCELLANEOUS BUSINESS.

Your Reference Committee on Miscellaneous Business has the report of the Research Institute of the National Dental Association, and after careful consideration begs to report as follows:

We commend the management of the Research

Institute and congratulate the Institute on its substantial work and progress. The report was submitted to us under four heads:

1. General administration.
2. Researches under grants.
3. Researches in the Institute headquarters.
4. Organization.

We commend the adoption of the report as submitted except all of that portion under caption four.

(Signed) L. L. BARBER.
C. C. ALLEN, Chairman.

After reading the report, Dr. Allen moved its adoption.

Seconded and carried.

CHARLES F. ASH, New York, presented the following report of the Committee on Conservation of Platinum, and moved its adoption:

COMMITTEE ON CONSERVATION OF PLATINUM

Your Committee has considered some of the possibilities in the question of the conservation of platinum by the dental profession.

It resolves itself into two important divisions, namely, the reclaiming of scrap and the curtailment of the use of platinum.

Reclamation of Scrap.

Your Committee believes that a very large amount of platinum could be recovered for government use from this source; clippings and filings from platinum, platinum iridium, or other alloys, platinum in combination with gold, in old bridge work, defunct continuous gum plates both in our offices and known to be in the possession of some of our patients, old X-ray tubes, cauteries, etc.

Curtailment of Use.

Under this head must be considered those places where platinum can be entirely elimimated. Next, those places where new alloys containing a minimum amount of platinum can be substituted for platinum iridium or other combinations.

Due consideration for those places where substitutes for either platinum or platinum iridium cannot be used successfully.

The guarding of our patients against experimentation with unproved substitutes.

Your Committee believes that a large proportion of the profession would gladly cooperate by voluntarily giving up all scrap and by conserving the use of platinum and its alloys in their practices as soon as the necessity therefor was made known. They recognize, however, the probability of a lack of cooperation on the part of many either thru inadvertence or lack of patriotism, also, that not only must the members of the National Dental Association be reached, but all those other dentists, not members of our Association, both ethical and unethical.

That it, therefore, might be better for the War Industries Board to take a mandatory position rather than to leave it as a voluntary proposition.

Recommendation.

In view of the many phases of the situation, your Committee recommends that a permanent committee be appointed for the duration of the war with power to act for the National Dental Association and to act in an advisory capacity to the War Industries Board.

It is also recommended that a copy of this report be sent to the Chairman of the Platinum Section of the War Industries Board.

Respectfully submitted,

WESTON A. PRICE.
CHAS. F. ASH, Chairman.

At the conclusion of the report the motion to adopt it was put and carried.

HONORARY MEMBERS ELECTED.

THE BOARD OF TRUSTEES recommend that the rules of the Association be suspended, and that unanimous consent be asked, to elect Surgeon-General Gorgas of the Army, Surgeon-General William C. Braidsted of the Navy, Brigadier-General Robert E. Noble, and Col. Charles H. Mayo, honorary members of the National Dental Association.

UNANIMOUS consent having been obtained, it was moved that these gentlemen be elected honorary members.

Seconded and carried.

LETTERS FROM OUR HONORARY MEMBERS.

October 23, 1918.

Dr. Otto U. King, Gen. Sec.,
National Dental Association,
Chicago, Illinois.

Dear Sir:

I wish to acknowledge your communication of the eighteenth instant, advising me that I have been elected an honorary member of the National Dental Association.

I am greatly honored and pleased by this action of your House of Delegates, and shall hereafter, if possible, take an even greater interest in the welfare of your Association, many members of which are now serving in the Dental Corps of the Navy.

With expressions of appreciation and esteem, believe me,

Very sincerely yours,

W. C. BRAISTED,
Surgeon-General, U. S. Navy.

October Twenty-sixth,
Nineteen Eighteen.

Dr. Otto U. King,
Chicago, Illinois.
Dear Doctor King:

Will you please extend to the members of the House of Delegates of the National Dental Association my appreciation of their courtesy in making me an honorary member of this association? I am proud of the work of your profession and the rapid strides which have been made within the past few years. For the good of humanity let us strive in the future for the closer cooperation of the two professions.

Sincerely,
C. H. MAYO.

CHM:E

October 28, 1918.

Dr. Otto U. King,
General Secretary,
National Dental Association,
Chicago, Illinois.
Dear Doctor King:

Please express to the Association my appreciation of the honor conferred upon me by their electing me an honorary member of your body.

Sincerely yours,
W. C. GORGAS,
Major-General (ret.) U. S. Army.

December 1, 1918.

Dr. Otto U. King, Sec'y,
Chicago, Illinois.
My dear Dr. King:

The notice that I have been elected as an honorary member of the National Dental Association was forwarded to me here. I wish to express to the Dental Association, thru you, my appreciation of the honor.

Sincerely yours,
ROBT. E. NOBLE,
Major-General, Medical Dept.

THE SECRETARY moved that the President of the National Dental Association convey the information in person to these gentlemen that they have been elected to honorary membership.

Seconded and carried.

F. M. CASTO, Ohio, moved that a committee of ten be appointed, of which the President-Elect shall be Chairman, to confer with the Board of Trustees as to the time and place of holding the next annual meeting and report back to the House of Delegates at its session Friday morning, August 9th.

Seconded and carried.

THE PRESIDENT appointed as a Committee on Precious Metals: *Thos. P. Hinman, Chairman, 4th National Bank Bldg., Atlanta, Ga.; Chas. F. Ash, 115 Broadway, New York City; Weston A. Price, 8803 Euclid Ave., Cleveland, O.; F. E. Roach, 59 E. Madison, Chicago, Ill.; Emory A. Bryant, The Burlington, Washington, D. C.

REPORT OF REFERENCE COMMITTEE ON DENTAL EDUCATION.

FRANK O. HETRICK, Kansas, Chairman, presented the report of the Reference Committee on Dental Education, as follows:

Your Committee begs to report as follows:

Relative to the appropriation of moneys to the Dental Index Bureau, which was recommended by the Committee on Dental Education, we would refer the matter to the Board of Trustees without recommendations. As to the recommendation for financial aid to the Dental Educational Council, we would recommend that that part of the report be adopted.

After careful consideration of some objections made by some members of the House of Delegates, we believe that after several years of consideration of this subject by the members of the Dental Educational Council of America, their report should be adopted; therefore, we recommend its adoption.

At the conclusion of the first section of the report, Dr. Hetrick moved its adoption, which motion was seconded and carried.

He also moved the adoption of the report of the Committee regarding the Dental Education Council of America.

Seconded and carried.

Dr. Hetrick presented the following which, on motion, was ordered to be made a part of the records:

As Chairman of the Legislative Committee last year, I desire to call attention to an omission from our report as published in The Journal in the December issue, page 1354. Our Committee desired to incorporate in our report the

*Clarence J. Grieves was appointed and resigned and Dr. Hinman was appointed to fill the vacancy.

last paragraph of the President's Address, as follows:

"The crowning achievement of this administration, as well as what I believe to be the greatest advancement in the history of dentistry, was the legislation secured in the closing days of the last Congress, which places our representatives in the Army Dental Corps and the dental students on an equal status with the Army Medical Corps and the medical students."

The above was attached to our report, but must have been lost in some manner and it is therefore suggested that it be added as a supplement to this year's report of the Legislative Reference Committee.

REPORT OF REFERENCE COMMITTEE ON REPORT OF OFFICERS.

THOMAS P. HINMAN, Georgia, Chairman presented the report of the Reference Committee of Officers under two headings: 1. The General Secretary's report. 2. Report on President's Address to the House of Delegates, as follows:

REPORT OF REFERENCE COMMITTEE ON OFFICERS' REPORTS, HOUSE OF DELEGATES, N. D. A.

General Secretary's Report.

Your Committee recommends that the report of the General Secretary be adopted and made a part of the Minutes of this body.

Report of President's Address to the House of Delegates.

We, your Committee, recommend that the suggestion made by the President, that the State Boards of Dental Examiners in the various states of the United States be inspected and classified by the Dental Educational Council of America, be adopted and approved by this body.

We further recommend that this body approve the suggestion made by the President that a Board to be known as the National Board of Dental Examiners be created.

We further recommend that the suggestion of the President, that a committee of five be selected by this body, who shall devise ways and means for the creation of said Board, be adopted and that this Committee be ordered to report to the House of Delegates at the next annual meeting of the National Dental Association.

(Signed)

THOS. P. HINMAN, Chairman.
J. P. HARPER.
H. J. BURKHART.

On two separate motions, which were duly seconded, the report was adopted as presented.

THE PRESIDENT announced the following committee to consider the time and place of holding the next annual meeting:

CHAIRMAN, C. VICTOR VIGNES, Thomas, P. Hinman, J. A. West, F. O. Hetrick, Carence J. Grieves, J. P. Wahl, J. H. Wallace, Emory A. Bryant, and Homer C. Brown.

ON MOTION, the House of Delegates adjourned to meet in Masonic Hall at 12 M., Friday, August 9th.

FOURTH SESSION—AUGUST 9, 1918

The House of Delegates met at 12M. and was called to order by the President.

After the roll was called the President announced a quorum present and said the House was ready to proceed with the transaction of its business.

The minutes of the previous session were read and approved.

EMORY A. BRYANT, District of Columbia, called attention to the death of a member of the Dental Reserve Corps, and suggested that suitable resolutions be drafted and presented regarding this deceased member.

PRESIDENT LOGAN asked for unanimous consent, which was granted, that Dr. Bryant prepare such a resolution and present it to the Secretary of the National Dental Association to be incorporated in the proper place in the minutes. Dr. Bryant was so instructed.

My Dear Dr. King:

The minutes of the last meeting of the House of Delegates will show that I was appointed a committee of one to report upon the death of Dental Surgeon Weedon E. Osborne, U. S. Navy, said report to be incorporated as a part of the proceedings of the House of Delegates for Historical Record. I have the honor therefore, to make the following report:

WEEDEN E. OSBORNE, DENTAL SURGEON, U. S. NAVY.

Date of Birth—Chicago, Ill., November 13, 1892.

Permanent Residence—29 So. LaSalle St., Chicago, Ill., Care A. M. Johnson.

Name and address of nearest relative or friend —Elizabeth Osborne, sister, 2227 Racine Avenue, Chicago, Ill.

Wheaton College, Wheaton, Ill.

Dental College—Northwestern University, Class 1915.

Examined at the Naval Medical School, April 23, 1917.

Commissioned—May 8, 1917.

Duties—Navy Yard, Boston, Mass., June 5, 1917, to December 13, 1917. U. S. S. Alabama, Dec. 13, to March 30, 1918. March 30, 1918, ordered to report to the commanding officer of the 6th Regiment of Marines, with the American Expeditionary Force in France, and was serving with this regiment at the time of his death, June 6, 1918.

Osborne, who had been with the marines at the front only a few days when the action at Bouresches took place, went into the zone of fire time and again to rescue wounded. He went to the aid of and helped to carry Captain Donald F. Duncan to a place of safety, when that officer was wounded, and had almost reached it when a shell struck, killing both Osborne and the officer. In reporting his death, his commanding officer wrote:

> "Having joined this regiment but a few days before, and new to the service, he displayed heroism worthy of its best traditions."

The distinguished service cross was posthumously awarded Dental Surgeon Weedon E. Osborne by the Commander in Chief of the Expeditionary Forces in France with the following notation in official orders:

> "Dental Surgeon Weeden E. Osborne, United States Navy, during the advance on Bouresches, France, on June 6, 1918, at great risk of life, performed heroic deeds in aiding the wounded. He was struck by a shell while carrying an officer to a place of safety."

Dr. Osborne was the first officer of the Navy Dental Corps to be killed in action. Just previous to his joining the Navy as a dental officer, he had been connected with the teaching staff of the Denver University, Denver, Colo. He was of slight build and nervous temperament, bright, forceful, energetic and of sympathetic and lovable disposition.

Casualty Cablegram 185, July 9, 1918.—

OSBORNE. Weeden E., Dental Surgeon, U. S. Navy, attached 6th Regiment of Marines, killed in action June 6, 1918.

Respectfully submitted,

EMORY A. BRYANT, Committee.

NOMINATIONS for President-Elect being in order, A. L. Midgley, Rhode Island, nominated J. V. Conzett, Dubuque, Iowa.

THE NOMINATION was seconded by delegates from Louisiana, Pennsylvania, Ohio, New York, California, Iowa, Michigan, Minnesota, and Indiana.

Inasmuch as there were no other nominees for the office of President-Elect, F. M. Casto, Ohio, asked for unanimous consent, which was granted, and moved that the rules be suspended and the Secretary be instructed to cast one ballot of the House of Delegates for Dr. Conzett as President-Elect of the National Dental Association.

Seconded and carried.

THE SECRETARY cast the ballot as instructed, and Dr. Conzett was declared duly elected.

The following officers were nominated and duly elected:

VICE-PRESIDENTS, Thomas L. Grisamore, Chicago, Illinois; John G. Fife, Texas; Charles F. Ash, New York City.

GENERAL SECRETARY, Otto U. King, Chicago, Illinois.

THE BOARD OF TRUSTEES recommend to the House of Delegates Arthur R. Melendy, Knoxville, Tennessee, for Treasurer.

Thomas A. Broadbent moved that Dr. Melendy be elected Treasurer, and that the Secretary be instructed to cast the ballot of the House of Delegates for his election.

Seconded and carried.

THE SECRETARY cast a ballot as instructed and Dr. Melendy was declared duly elected Treasurer.

The following were nominated and elected as members of the Board of Trustees: District No. 7, Thomas B. Hartzell, Minneapolis, Minnesota; District No. 8, C. L. White, Oklahoma City, Oklahoma; District No. 9, J. D. Milliken, San Francisco, California.

The Secretary read the report of the Board of Trustees, as follows:

REPORT OF THE BOARD OF TRUSTEES.

To the House of Delegates of the National Dental Association:

The Board of Trustees desire to submit the following report:

The Board of Trustees are very much gratified with the achievements of our Association during the past year. It was predicted by some that there would be a great falling off in membership of the National Dental Association as well as subscribers to The Journal, due to war conditions. However, as a matter of fact, the fiscal year just closing proves to be a successful one from every standpoint and instead of a falling off, there has been an actual increase in circulation as well as an increase in membership as noted by tables in the various reports.

The Secretary's report to the House of Delegates shows a net increase of nearly 1,000. This is a commendable growth. However, there are several state societies that should inaugurate a more aggressive campaign looking not only to an increased membership but the perfecting of a stronger state organization.

The itemized statement of the Secretary's cash book shows total receipts—$59,019.42, and the Treasurer's report shows disbursements of $46,-782.04, leaving a total cash balance in the treasury of $9,989.65.

A careful review of the tabulated reports of the General Secretary shows that notwithstanding the increased cost of paper, supplies, material, new fixtures, labor, etc., we have made an extraordinarily gratifying record as witnessed by the following facts:

1. We have transferred from our regular treasury to the sinking or Journal fund—$6000.00

2. We now have in cash on hands—$12,657.88.

3. We have a net increase in the National Relief Fund of $8,449.24, making a total in the Relief Fund of $28,512.69.

4. Our total assets show a net increase of $11,537.81.

5. The Secretary's office, notwithstanding the expense of moving to Chicago and other increase of expenses due to war conditions, has made a net decrease in this office of $1,355.69.

6. It should be noted that the increase in our assets is largely due to the economical basis on which we are publishing our Journal and the saving due to our plan of reducing overhead expense of operation.

7. The Research Institute report will also show that the plan adopted one year ago of State Societies paying their dues direct to that institution has proven a financial success and undoubtedly will materially assist in establishing it on a firm financial basis.

8. The advertising pages of The Journal have increased so that we were carrying 25 pages in the July Journal.

RECOMMENDATION.

The action by the Board of Trustees and the House of Delegates last year creating a sinking fund or a Journal fund has made it possible for us to have on hands at this time practically $10,000 in this fund. Therefore, in view of the fact that we now have such a large amount of cash in the regular treasury, we recommend that $7,000 be immediately transferred to The Journal Fund. This will give us a sinking fund of $16,500. It is imperative that the dental profession create at the earliest possible moment a sinking fund large enough to place our organization on a firm financial basis. Our profession must show a keen business ability and the necessary shrewdness or far sightedness in this tremendous publication proposition in order to establish our Journal and organization on a sound business basis.

ADVERTISING.

We were a little anxious during this war crisis over the advertising situation but as has been mentioned elsewhere in our reports, we now have 25 pages of advertising, an increase of 9 pages over last year.

Considering the standard of the advertising pages of The Journal, the financial returns and the future outlook are very flattering. We now have the advertisers soliciting us for business instead of our office being compelled to send agents or thru other methods solicit their advertising. Especially has this been true during the last few months. Therefore, it takes no prophet to see that the handwriting on the wall means that our Journal advertising pages are not only recognized as the best medium of advertising but above all it means that The Journal has become recognized as the real mouthpiece of the dental profession. Therefore, the keen and shrewd business dental dealer and manufacturer recognizes in our Journal the best medium thru which to reach the rank and file of the dental profession.

Considering the standard of the advertising pages of The Journal, the financial returns are very gratifying. The fundamental rule governing advertising is that no proprietory or controlled medicine shall be advertised unless it has been investigated by the Council on Pharmacy and Chemistry of the American Medical Association and accepted for new and non-official remedies. In those instances wherein the goods to be advertised belong strictly in the dental field, our own committee passes on them before accepting the advertisements. The same general principles apply to other articles advertised, viz: that the product advertised must be an honest one and the claims made for it must not be exaggerated. Naturally this high standard that our Journal has established has resulted in the loss of a good deal of advertising but we are sure that it pays to be thus rigid even from a commercial point of view.

The Board of Trustees desire to make the following nominations:

REPORT OF TRUSTEES TO HOUSE OF DELEGATES, WITH RECOMMENDATIONS.

Judicial Council.

C. R. Lawrence, Enid, Oklahoma; Otto U. King, Chicago, Illinois, Ex-Officio; Secretary; A. R. Cooke, Syracuse, New York; Albert L. Midgley, Providence, Rhode Island; Herman A. Maves, Minneapolis, Minnesota; C. M. Kennedy, Des Moines, Iowa.

Committee on Dental Education.

J. H. Harper, St. Louis, Missouri, elected to serve five years.

Dental Legislation.

F. M. Casto, '23, Cleveland, Ohio, to serve for five years; Charles F. Ash, '19, New York City, to serve for the unexpired term of Dr. Homer C. Brown.

Transportation.

D. C. Bacon, '23, Chicago, Illinois, Chairman; J. A. Gorman, '22, New Orleans, Louisiana; J. D. Eby, '21, Atlanta, Georgia; Roscoe A. Day, '20, Oakland, California; John J. Welker, '19, Toledo, Ohio.

SPECIAL COMMITTEES.

National Relief Fund.

Edward S. Gaylord, New Haven, Connecticut; L. G. Noel, Nashville, Tennessee; William T. Chambers, Denver, Colorado; James McManus, Hartford, Connecticut.

Journal Committee.

Otto U. King, Chicago, Illinois; H. G. Burkhart, Rochester, New York; Thomas P. Hinman, Atlanta, Georgia; Thomas B. Hartzell, Minneapolis, Minnesota.

Representatives on Educational Council of America.

J. V. Conzett, Dubuque, Iowa, (to serve for one year); Louis Meisburger, Buffalo, New York, (to serve for two years); Arthur R. Melendy, Knoxville, Tennessee, (to serve for three years); C. Victor Vignes, New Orleans, Louisiana, (to serve for four years), and Clarence J. Grieves, Baltimore, Maryland, (to serve for five years.)

Ad Interim Committee.

C. Victor Vignes, New Orleans, Louisiana; Otto U. King, Secretary, Chicago, Illinois; Thomas P. Hinman, Atlanta, Georgia; H. J. Burkhart, Rochester, New York; Thomas B. Hartzell, Minneapolis, Minnesota.

The following members were nominated and recommended by the Board of Trustees to the House of Delegates for election as members of the Scientific Foundation and Research Commission to serve for five years:

Weston A. Price, Cleveland, Ohio; Thomas P. Hinman, Atlanta, Georgia; L. L. Barber, Toledo, Ohio; J. V. Conzett, Dubuque, Iowa; Charles H. Oakman, Detroit, Michigan, to serve for five years.

THE BOARD OF TRUSTEES recommend to the House of Delegates that a testimonial be presented to Colonel William H. G. Logan in lieu of an amount of compensation for expenses incurred as President.

THE BOARD OF TRUSTEES recommend to the House of Delegates that the incoming President and Secretary be directed to express on behalf of the National Dental Association to the Secretary of War and the Surgeon-General of the Army the appreciation of the services of Colonel William H. G. Logan as executive head of dental activities in the War Department for the splendid organization which he has perfected.

DELEGATES to the Pharmacopeal convention to be held in 1920, the Board of Trustees recommend to the House of Delegates M. L. Finley, Washington, D. C., Chairman; Joseph Head, Philadelphia, Pa., and Herman Prinz, of Philadelphia, Pa.

THE BOARD OF TRUSTEES recommend to the House of Delegates that $2,000.00 be appropriated for the Dental Educational Council, $500.00 to be paid immediately, $500.00 in six months, and the remainder to be paid prior to January 1, 1920.

THE BOARD OF TRUSTEES recommend to the House of Delegates that the following resolution be adopted:

RESOLVED, That a letter of appreciation and thanks, signed by the President and Secretary of the National Dental Association, be sent to Emory A. Bryant in recognition of invaluable services rendered the officials of the Association in an advisory capacity.

THE COMMITTEE on Place and Date of Meeting presented the following report to the Board of Trustees:

YOUR COMMITTEE on Place and Date of Meeting begs to report that New Orleans be selected as the next place of meeting of the National Dental Association, and that the date selected for that meeting be fixed between the first and twentieth of October, 1919, provided the

Local Committee can arrive at satisfactory arrangements with the Chamber of Commerce and the hotels of that city.

THE BOARD OF TRUSTEES recommend that the following resolution passed by the Board be unanimously adopted.

To the War Industries Board,
Washington, D. C.

The National Dental Association, a body composed of over 20,000 dentists, now in session, respectfully calls your attention to the danger to public health by placing dentifrices on the Non-Essential List.

In this day of recognition of the value of preventive medicine, it is accepted by dentistry, medicine and boards of health, that a clean mouth is one of the essentials to prevent the carrying of contagious disease. To preserve a proper sanitary condition of the mouth, the use of a suitable brush and dentifrice is required.

Recognizing this fact, the National Dental Association recommends that tooth brushes and dentifrices alike be placed on the Essential List of products for the winning of the war. Furthermore, that each soldier shall be supplied with a tooth brush and dentifrice issued to him with his equipment, and from time to time be supplied with an additional equipment of this character.

WM. H. G. LOGAN, President.
OTTO U. KING Secretary.

IT WAS MOVED that the report of the Board of Trustees presented by the Secretary and the various recommendations contained therein be adopted.

Seconded and carried.

THE RETIRING PRESIDENT, Colonel Logan, appointed Drs. Weston A. Price and F. O. Hetrick as a committee to escort his successor, Major C. Victor Vignes, to the platform, and in presenting him said:

"I wish to say to you that I am pleased to introduce to you your President. I am sure he will make good. He has been with us in the Army for some months. He gave up his position as dean in a dental school and came into the service as a Lieutenant. He was soon made a Major. He has visited camps and cantonments inspecting the dental service, and he has rendered splendid service to the Surgeon-General. It affords me very great pleasure to introduce to you your President, Major Vignes." (Applause.)

MAJOR VIGNES, in accepting the Presidency, said: "Colonel Logan and Members of the House of Delegates: I am not going to make a speech, but only to thank Colonel Logan for the kinds words he has said. I have tried to do my duty towards my country, and I assure you that I will try to do it towards my profession.

"There are stern military limitations to my activities. Colonel Logan is at the head of the Dental Department. He can pack his satchel and leave Washington and go elsewhere any time he wants. Whenever I do that, I have to go to Colonel Logan and ask him, 'Can I go?' So the office of President is not only one of glory, but one of looking pleasant and working hard.

"The National Dental Association is called upon to do big business, and it has to be handled in an efficient way, and if I do not make the New Orleans meeting as great and successful as this has been, I assure you it will not be because I have not tried to do so. Colonel Logan has done everything possible to make this meeting a great success, and he has accomplished the task.

"As a special attraction of the New Orleans meeting, I promise you that I shall make every effort to have the Kaiser in a cage for your delectation." (Applause.)

COLONEL LOGAN: "I wish to thank you for the help and many courtesies you have extended to me as your presiding officer. I appreciate very highly the assistance you have rendered to me thruout the year, and I greatly appreciate your attendance at this meeting. This has been by far the largest attendance of members of the National Dental Association in the history of the Association." (Applause.)

H. J. BURKHART, Rochester, New York, moved that a vote of thanks be extended to the Chicago Dental Society, the Lincoln Park Commissioners, the managers of hotels, to Surgeon-General Gorgas, to Brigadier-General Robert E.

Noble, to Colonel Charles H. Mayo, to the fraternities, to those in charge of the ladies' entertainment, and to any others who have contributed towards the success of this meeting.

Seconded and carried.

H. J. BURKHART moved that a rising vote of thanks be extended to the retiring President, Colonel Logan, for the efficient and impartial manner in which he has presided over the deliberations of this meeting, and for the great effort he has put forth in making it a success.

Seconded and unanimously carried.

H. J. BURKHART said: "Nearly all of you have probably noticed the absence from this meeting of one of the foremost dental practitioners in Chicago, a man who is dearly beloved by everybody that knows him, and who is now in California endeavoring to regain his health. I think a telegram from the Secretary of the National Dental Association sent to John P. Buckley expressing the regret that the members feel at his absence would be very much appreciated, and I move that the Secretary be so instructed."

Seconded and carried.

H. J. BURKHART: "Mr. President and Members of the House of Delegates: Not only a very pleasant duty but a great honor falls to my lot at this time. On behalf of the members of the National Dental Association, I wish to present to the retiring President, Colonel Logan, as a slight token of their love and esteem this gift (pointing to a chest of silver) which I ask you, Billy, to present on our behalf to your charming wife, and may you in the years to come, whenever you have occasion to use this beautiful service, remember the love and esteem in which you are both held by the dental profession thruout the United States." (Loud applause.)

COLONEL LOGAN, in accepting the gift, said: "Dr. Burkhart and Members of the National Dental Association: There is not much that a man can say in accepting such a splendid gift, but I would like to introduce to you my wife." (Applause.) Here Mrs. Logan was escorted to the platform by Donald M. Gallie and was very enthusiastically received.)

After the very warm reception accorded Mrs. Logan, Colonel Logan said: "My emotions are such at this time that I cannot find words to fittingly express my thoughts to you for this gift. I can only thank you for it." (Applause.)

PRESIDENT VIGNES then introduced the President-Elect, J. V. Conzett, who said:

"Mr. President and Members of the House of Delegates: Words fail me at this time to express my appreciation of the great honor which you have conferred upon me. This is indeed the proudest, and I believe the happiest moment of my life save one, and that is when I stood beside the altar with my wife and got married, and I thank you from the bottom of my heart, and I pledge you that I will discharge the duties of the office to the best of my ability.

"I presume this honor has not been conferred upon me individually; I know that it has come as a gift from the National Dental Association to the State of Iowa. I know you have considered the splendid work which the loyal fellows of Iowa have accomplished for dentistry. No band of men in the House of Delegates has rendered better service; no class of men in the United States are better fellows than the boys of Iowa, and I love them from the bottom of my heart and appreciate their loyalty at this time.

"The members of the National Dental Association have taken me as the representative of Iowa; nevertheless you have conferred this great honor upon me. I appreciate it and thank you for it.

"I appreciate my limitations as much as any man possibly could do. I know that I must look to a higher power for wisdom and guidance if I am going to guide this organization thru the intricacies which may devolve upon it and the

problems which may confront it, but with the wisdom which may be given to me and thru conference with other men, I shall not presume to solve the problems alone. I cannot do that, but with the wisdom that shall be given me, to the best of my ability, I will do that which is right and which is square.

"Gentlemen, again, I thank you with all my heart and pledge you my best efforts during my term of office, and Mr. President, whatever I can do to help you during your term of office, I shall be most happy to do." (Loud applause.)

COLONEL LOGAN moved that the minutes of this session of the House of Delegates be adopted by the Board of Trustees.

Seconded and carried.

ON MOTION, which was duly seconded and carried, the House of Delegates then adjourned sine die.

LETTER FROM MRS. G. V. BLACK.

Dr. Otto U. King, Secretary,
National Dental Association.
Dear Doctor King:

Permit me to express my appreciation of the very beautiful roses which your society was kind enough to present me on the occasion of my visit to the Black Memorial exhibit during the meeting of the National Dental Association.

Very sincerely yours,
(MRS. G. V.) ELIZABETH BLACK.

August 16, 1918.

MEMBERS OF THE HOUSE OF DELEGATES IN ATTENDANCE.

The figure indicates the number of delegates to which the state is entitled.

(The House of Delegates passed a resolution making the last Roll Call the permanent and official Roll Call of the 1918 meeting.)

Alabama—2.

H. Clay Hassel, Tuscaloosa.
Charles G. Dillard, Huntsville.

Alaska—1.

Luther W. Fromm, Nome.

Arizona—1.

Eugene McGuire, Phoenix.

Arkansas—2.

John D. Jordan, 410 State Bank Bldg., Little Rock.
W. B. Dorman, Nashville.

Army Dental Corps—1.

Lt. Col. John H. Snapp, D. C., Camp Greenleaf, Ga.

California State—4.

Wm. R. Bacon, 309 Post St., San Francisco.
J. D. Millikin, 323 Geary St., San Francisco.
Rudolph J. Blauer, San Jose.
Hugh Avary, 209 Post St., San Francisco.

California Southern—3.

Frank A. Williams, 412 W. 6th St., Los Angeles.
F. W. Frahm, College of Dentistry, Los Angeles.
Frank L. Warren, 804 Investment Bldg., Los Angeles.

Colorado—3.

E. R. Warner, 401 California Bldg., Denver.
H. D. Stanwood, 201-202 White & Davis Bldg., Pueblo.

Connecticut—3.

Edward S. Gaylord, 63 Trumbull St., New Haven.

Delaware—1.

No delegate present.

District of Columbia—2.

Mark F. Finley, 1928 "I" St., N. W. Washington.
Thomas L. Rust, 1410 "L" St., N. W. Washington.

Florida—2.

[illegible] D. Menges, Lake Worth.
H. Lee Chilson, Bradentown.

Georgia—2.

Nathaniel G. Slaughter, Athens.
Harry B. Johnson, Atlanta.

Hawaiian Islands—1.

M. E. Grossman, Honolulu, P. O. Box 574.

Idaho.

Not organized.

Illinois—11.

T. A. Broadbent, 25 E. Washington St., Chicago.
Edgar D. Coolidge, 25 E. Washington St., Chicago.
Wm. T. Reeves, 159 N. State St., Chicago.
George E. Meyer, 25 E. Washington St., Chicago.
L. B. Torrence, Chester.
Chas. L. Snyder, 505 Second Nat'l Bank Bldg., Freeport.
Louis E. Jordan, 627 Peare St., Ottawa.
Henry L. Whipple, Illinois State Bank Bldg., Quincy.
Charles W. Hillier, 841 W. 63rd St., Chicago.
A. H. Meuller, 7404 Greenview Ave., Chicago.
John S. Reece, Corn Belt Bank Bldg., Bloomington.

Indiana—5.

M. H. House, 1664 College Ave., Indianapolis.
Clarence J. Ash, Farmers' Trust Bldg., South Bend.
R. F. Lucas, 612 Studebaker Bldg., South Bend.
Howard D. Caton, 313 Trust Bldg., Terre Haute.

Iowa—6.

E. R. Swank, Panora.
R. H. Volland, Iowa City.
C. M. Kennedy, 605 Citizens Bank Bldg., Des Moines.

Samuel G. Barker, Jefferson.
J. A. Harlett, Des Moines.
R. J. Joynt, LeMars.

Kansas—3.

C. B. Reed, 400 Mills Bldg., Topeka.
F. O. Hetrick, 324 Main St., Ottawa.
G. A. Crise, Manhatten.

Kentucky—3.

W. F. Walz, Lexington.
C. W. Meguiar, Franklin.
W. M. Randall, 1035 Second St., Louisville.

Louisiana—2.

Joseph P. Wahl, 1135 Maison Blanche Bldg., New Orleans.
Wallace Wood, Jr., 416 Macheca Bldg., New Orleans.

Maine—2.

Henry A. Kelly, Portland.

Maryland—2.

B. Holly Smith, 405 N. Charles, Baltimore.
Harry E. Kelsey, 833 Park Ave., Baltimore.

Massachusetts—6.

Carl R. Lindstrom, 520 Beason St., Boston.
Percy R. Howe, 10 Exeter St., Boston.
Murdoch C. Smith, 3 Lee Hall, Lynn.
Charles M. Proctor, 419 Boylston St., Boston.
C. Wesley Hale, 400 St. James Ave., Springfield.
Wm. Rice, 149 Newbury St., Boston.

Michigan—5.

E. J. Chamberlain, 526 Ashton Bldg., Grand Rapids.
Wm. H. Elliott, 1539 Jefferson Ave., Detroit.
W. A. Giffen, 609 Washington Arcade, Detroit.
F. Ward Howlett, 1 Colony Bldg., Jackson.
Clyde S. Larned, Battle Creek.

Minnesota—5.

W. Sidney Gallagher, Winona.
H. A. Maves, 505 Donaldson Bldg., Minneapolis.
Forrest H. Orton, 921 Lowry Bldg., St. Paul.
W. D. Vehe, 1010 Donaldson Bldg., Minneapolis.

Mississippi—2.

W. R. Wright, Jackson.
Albert B. Kelly, Yazoo.

Missouri—5.

John H. Kennerly, 29th & Locust Sts., St. Louis.
C. C. Allen, Kansas City Dental College, Kansas City.
James P. Harper, St. Louis Dental College, St. Louis.
G. W. Hilliar, Kansas City.
J. C. Whitmer, Oregon.

Montana—1.

Gilbert A. Chevigney, 107 Yegan Bldg., Butte.

National Capitol—1.

Emory A. Bryant, The Burlington, Washington, D. C.

Navy Dental Corps—1.

Anson F. McCreary, U. S. Navy, Great Lakes, Ill.

Nebraska—3.

J. H. Wallace, Brown Block, Omaha.
P. J. Hunter, Omaha.
M. E. Vance, Lincoln.

Nevada—1.

No delegate present.

New Hampshire—1.

No delegate present.

New Jersey—4.

John Forsyth, 430 E. State St., Trenton.
James I. Woolverton, 288 W. State St., Trenton.
Edward C. Stillwell, Glen Ridge.
W. E. Truex, Freehold.

New Mexico—1.

J. J. Clarke, Artesia.

New York—8.

Henry W. Gillett, 140 W. 57th St., N. Y.
John B. West, 306 West Church, Elmira.
Wm. W. Smith, 83 East Ave., Rochester.
Louis Meisburger, 85 No. Pearl, Buffalo.
Charles F. Ash, 115 Broadway, N. Y.
J. Wright Beach, Buffalo.
H. L. Wheeler, 560 Fifth Ave., N. Y.

North Carolina—2.

Frederick L. Hunt, 508 Legal Bldg., Asheville.
J. A. Sinclair, Asheville.

South Dakota—1.

Samuel B. Toney, Bismarck.
Frederick A. Bricker, Fargo, 19 Stern Bldg.

Ohio—7.

L. L. Barber, 718 The Spitzer, Toledo.
H. C. Brown, 609 Hartman Bldg., Columbus.
L. E. Custer, 28 N. Ludlow St., Dayton.
F. M. Casto, 458 Rose Bldg., Cleveland.
Weston A. Price, 8803 Euclid Ave., Cleveland.
T. I. Way, 52 Groton Bldg., Cincinnati.
E. S. Braithwaite, Willard.

Oklahoma—2.

C. R. Lawrence, Enid.
J. M. Temples, 301 Robinson Arcade, Tulsa.

Oregon—2.

Wm. C. Adams, 1208 Selling Bldg., Portland.
Herbert C. Miller, East 6th & Oregon Sts., Portland.

Pennsylvania—6.

J. F. Biddle, 517 Arch St., Pittsburgh.
H. E. Friesell, 1206 Highland Bldg., Pittsburgh.
A. H. Reynolds, 4630 Chester Ave., Philadelphia.
Joseph D. Whiteman, Mercer.
W. L. Fickes, E. E. Savings & Trust Bldg., Pittsburgh.
Alfred P. Lee, 610 Flanders Bldg., Philadelphia.

Philippine Islands—1.

No delegate present.

Porto Rico—1.

No delegate present.

Rhode Island—2.

Walter R. McIntire, 231 Broad St., Providence.
Harry L. Grant, 1025 Grosvenor Bldg., Providence.

South Carolina—3.

R. Webb Thompson, 21 Lee Bldg., Spartansburg.

G. A. Milner, Aiken.

South Dakota—2.

Gerald W. Collins, Vermillion.

J. W. Smoots, Spearfish.

Tennessee—2.

Stanley L. Rich, 503 Jackson Bldg., Nashville.

R. Boyd Bogle, 505-11 Hitchcock Bldg., Nashville.

Texas—3.

Julian Smith, Wilson Bldg., Dallas.

B. F. Thielen, Paris.

Walter H. Scherer, 609 Scanlan Bldg., Houston.

Trustees.

C. Victor Vignes, 830 Canal St., New Orleans, La.

H. J. Burkhart, Rochester Dental Dispensary, Rochester.

Thomas P. Hinman, 4th Nat'l Bank Bldg., Atlanta, Ga.

Waldo E. Boardman, 519 Boylston St., Boston, Mass.

Clarence J. Grieves, 201 West Madison St., Baltimore, Md.

Marcus L. Ward, Ann Arbor, Mich.

Thomas B. Hartzell, 716 Donaldson Bldg., Minneapolis, Minn.

C. L. White, 611 Concord Bldg., Oklahoma City, Okla.

Utah—1.

John F. Christianson, 1002 Walker Bank Bldg., Salt Lake City.

S. W. Wherry, 23 Lewis Bldg., Ogden.

Vermont—1.

No delegate present.

Virginia—2.

J. A. Cameron Hoggan, 506 Professional Bldg., Richmond.

Harry Bear, Richmond.

Washington—4.

C. J. Stansbery, 616 Joshua Green Bldg., Seattle.

B. E. Lemley, 1225 Fidelity Bldg., Tacoma.

West Virginia—2.

W. E. H. Caldwell, Wheeling.

H. W. Burnett, Fairmont.

Wisconsin—4.

Charles W. Hall, 307 Alhambra Bldg., Milwaukee.

Wm. Hopkins, 388 Brady St., Milwaukee.

Price W. Rood, 413 Grand Ave., Milwaukee.

Wm. I. McFarlane, Tomahawk.

Wyoming—1.

Peter Appel, Jr., 1723 Carey Ave., Cheyenne.

SECTIONS.

Operative Dentistry, Materia Medica and Therapeutics.

A. L. Midgley, Rhode Island.

Prosthetic Dentistry and Crown and Bridge Work.

John F. Stephen, 1122-1124 Guardian Bldg., Cleveland, Ohio.

Oral Surgery and Anesthesia.

J. A. West, 417 Utica Bldg., Des Moines, Iowa.

Organiation, Mouth Hygiene and Public Service.

Charles H. Oakman, 1241-1247 David Whitney Bldg., Detroit, Mich.

Research (Histology, Pathology, Bacteriology and Chemistry.)

Samuel P. Cameron.

WM. H. G. LOGAN, President.

OTTO U. KING, Secretary.

PROCEEDINGS OF THE BOARD OF TRUSTEES.

Minutes of the Twenty-second Annual Session of the National Dental Association, Held in Chicago, Illinois, August 5-9, 1918.

FIRST SESSION.—CHICAGO.

PURSUANT to the call, the Ad Interim Committee, the Chairman of the various sections, and others, met in Chicago, Illinois, March 30, 1918, at the Auditorium Hotel.

The meeting was called to order by the President, Colonel Wm. H. G. Logan, at 10:30 A. M. The following were present: Drs. Wm. H. G. Logan, C. Victor Vignes, M. E. Vance, Henry A. Kelley, DeLos L. Hill, Forrest H. Orton, F. M. Casto, C. R. Lawrence, Weston A. Price, J. P. Buckley, H. J. Burkhart, Thomas B. Hartzell, Marcus L. Ward, Thomas P. Hinman, Homer C. Brown, D. C. Bacon, A. Brom Allen, T. L. Grisamore, P. B. D. Idler, George N. West, Don M. Gallie, K. G. Knoche, and Otto U. King.

Wm. H. G. Logan announced that the object of this conference was to receive reports from the various section officers and others relative to the progress of work on the 1918 meeting. He also announced that after hearing these reports, as well as the reports of other officers and committeemen, the program for the general sessions, as had already been outlined, would be taken up and discussed so that in this way, all plans might be coordinated and perfected.

DeLos L. Hill, Chairman of the Section on Operative Dentistry, Materia Medica and Therapeutics, reported that he had secured four papers.

Forrest H. Orton, Chairman of the section on Prosthetic Dentistry and Crown and Bridge Work, reported a complete program for his section.

M. E. Vance, Chairman of the section on Oral Surgery and Anesthesia, reported his section program completed with exception of one paper.

Frank M. Casto, Chairman of the section on Orthodontia and Periodontia, reported a completed program.

C. R. Lawrence, Chairman of the section on Organization, Mouth Hygiene and Public Service, reported that his section would give two distinct session meetings, one devoted to Mouth Hygiene, and the other to State Society Organization Work. Dr. Lawrence reported that while the essayists had not been secured, he hoped to have his program ready for publication in the next few weeks.

Weston A. Price, Chairman of the section on Research, reported his program incomplete.

D. C. Bacon, Chairman of the Committee on Transportation, submitted the following report:

"To the Officers of the National Dental Association.

"In the question of applications for reduced fares, it is customary for the Passenger Association in whose territory the meeting is to be held to first consider such applications.

"Accordingly your Committee on Transportation made application to the Central Passenger Association and on January 8th received from F. C. Don-

ald, Commissioner, the following reply:

'By reason of governmental operation of the railways, the question of the continuation of convention and other special fares is tentatively in abeyance. Will advise you promptly when the policy in this relation has been determined.'

"In a telephone conversation March 27th, your Chairman was informed that the situation is unchanged and advised that under present conditions no applications for rates would be considered.

"The New England Trunk Lines and Southeastern Associations have replied to the effect that they are not in position to consider the application until they receive the rates and arrangements authorized by the Central Passenger Association.

"Am advised by the Western Passenger Association that the practice of making reduced fares for conventions, expositions, etc., has been discontinued by that Association.

"The Trans-Continental Association declines to authorize such fares in view of present conditions, but will have in effect the regular nine months' excursion fares from Pacific Coast. Common points —California and North Pacific Coast, to Chicago and return—at approximately two cents per mile.

"Your Committee has but one invitation for the 1919 session—that of New Orleans."

Homer C. Brown, Chairman of the Legislative Committee, was invited to attend this meeting, and he gave a report, reviewing the activities of the Legislative Committee in connection with the pending Legislation. This legislation has for its purpose the placing of our representatives in the Naval Service, on an equal statute with the medical officers in this service, similar to the conditions existing between the two corps in the Army. Dr. Brown also discussed some of the complications in connection with this legislation and the different interests that must necessarily be considered but assured those present that every effort would be put forth to the end that no injustice would be done any man or interest.

While Dr. Brown was presenting his report, Dr. Hinman said:

"I would like for Dr. Brown to answer this question: Did you have knowledge that Dr. Wheeler was going to present this second resolution to the American Institute of Dental Teachers, and did it have your endorsement?"

Dr. Brown replied "No."

Don M. Gallie, of the Clinic Committee, reported that his committee had decided to put on a general clinic and that their plans provided for each state society to have two clinicians to represent their organization. He stated that practically all of the state societies were enthusiastically cooperating with his committee's plans, and that thirty-seven states had already sent in the names of the clinicians and the titles of their clinics.

P. B. D. Idler, Chairman of the Exhibit Committee, announced that his committee had secured sufficient space for the exhibits and that invitations had been sent out to various exhibitors and that his committee was very well satisfied with the outlook.

Dr. Logan then gave a preliminary outline of the program indicating the number of general sessions, and also the number of section meetings. He announced that the Canadian dentists had been extended an official invitation to be our guests during this meeting, and to furnish the program for one of the general session meetings. He announced that this invitation had been accepted and that we were going to have the pleasure of having the Canadian dentists with us on this great occasion.

Immediately following the adjourn-

ment of this meeting, a special session of the Ad Interim Committee was held.

There being no further business, this meeting adjourned.

This memorandum is herewith presented to be made a part of the Minutes of the Board of Trustees.

AD INTERIM COMMITTEE.

The president, Dr. Logan, called the meeting of the Ad Interim Committee to order and the following members of the Ad Interim Committee, and other trustees, were present: Drs. Logan, Buckley, Burkhart, Vignes, Hinman, Hartzell and King.

IT WAS MOVED, seconded and carried that twenty-five pages be given to the Research Department in each issue of The Journal, copy to be presented sixty days in advance. When the department fails to do this, it will lose twenty-five pages on its yearly allottment of space.

Dr. King announced that owing to the fact that there had been some misunderstanding relative to his election on the Research Commission, and as he was already a member by virtue of being Secretary of the National Dental Association, he desired to resign.

DR. HINMAN MOVED that Dr. King's resignation be accepted and that Dr. Samuel P. Cameron, Philadelphia, Pa., be appointed to fill this vacancy. Carried.

The following bills were passed:

ITEMIZED STATEMENT OF DISBURSEMENTS.

October 13, 1917, to

October 13, Order No. 1, Herbert L. Wheeler, Expenses incurred in trip to Washington, D. C., and return		$ 18.45
October 13, Order No. 2, C. R. Lawrence,		
Telegrams	$ 3.75	
Postage	1.00	
		4.75
October 17, Order No. 3, Whitelock Press,		
Journal—October	$1820.00	
Journal—Extra Insert	121.94	
Journal—Extra Paper	279.50	
Journal—Extra Cover	96.00	
		2317.44
October 17, Order No. 4, Whitelock Press,		
Cuts Chairmen and Secretaries		34.09
Cuts, Meyer		.95
Cuts, Eloesser		26.35
Cuts, Preparedness League		1.24
Cuts, Oral Hygiene & Prep		54.91
1 Ream 13 lb.		2.75
1160 Old 315 New Membership Cards—Kansas		11.75
18,000 Plain Cards—War Department		15.50
To hauling mail		7.22
To hauling mail		.50
To Programs National Meeting—20,000		347.00
To Hartzell Cuts		2.20
To Thoma Cuts		66.31
To Hartzell Cuts		224.00
To Hauling Mail		6.89
To Hauling Mail		5.20
To Cut Map. Districts		1.15
To Cut Preparedness League		7.18
To Cut—Oral Hygiene		5.46
To Colored Insert Hartzell		273.00
To 500 Treasurers' Remittance Blanks	3.00	
		1096.55
October 17, Order No. 5, Joseph T. Paul, Refunding dues for One Dollar Members		438.00
October 19, Order No. 6, Wabash Cabinet Company:		
Furniture	29.47	
Cards	37.50	
		66.97
October 24, Order No. 7, Dr. I. Irving Way, Copying report of Committee and Officers' reports N. D. A., Oct. 24, 1917		1.50
Oct. 24, Order No. 8, Dr. George B. Roth, Expenses incurred in trip to Washington, D. C.		23.35
October 24, Order No. 9, Dr. Arthur R. Melendy, to postage, office expense, telegrams, telephone and express		23.00
October 24, Order No. 10, Dr. W. D. Tracy, Rubber stamp—facsimile		2.50
October 24, Order No. 11, Dr. H. P. Gould, Supplies—Registration Committee		43.75
October 24, Order No. 12, Dr. L. L. Barber, Expenses incurred in trip to Washington, D. C., and New York		128.34
October 24, Order No. 13 Dr. Chalmers J. Lyon:		
To Stenographer	9.50	
To Telegrams	2.38	
To Postage	1.20	
To Telephone	1.10	
		14.18
October 24, Order No. 14, Dr. Homer C. Brown, as Chairman Legislative Committee, Expenses incurred trip to Washington, D. C.		170.72
October 24, Order No. 15, Dr. J. A. West, Expense account Legislative Committee		
Telegrams		5.60

October 24, Order No. 16, Dr. Otto U. King, Expense: Postage, Rent, Supplies, Electricity, Express, Freight, Telegrams, Telephone and Drayage, etc..... 406.33

October 24, Order No. 17, Dr. Otto U. King,

Books and Supplies	12.10
Pictures, etc.	46.44
Rugs and Furniture	354.40
Carfare, expenses (meals, tips, etc.)	191.12
Huntington News Agency (Commission on purchasing supplies during two years)..	10.00
Carfare and expenses Miss Terhune (regarding position—editorial)	12.00
Pictures and Supplies.....	49.00
Fountain Pen, and Ink	3.81
Dental Library	319.48
Repairs to Dictaphone and paper clip	1.65
	1000.00

October 24, Order No. 18, Journal Fund.. 1000.00

October 24, Order No. 19, Dr. Wm. H. G. Logan, account Chairman Black Memorial 500.00

October 30, Order No. 20, Dr. D. C. Bacon, To expenses of Committee on Transportation and place of Sessions..... 25.00

October 30, Order No. 21, Oliver W. White, Expense account of Chairman of the Clinic Committee—Telegrams, cards, expense of trip to New York..... 178.60

November 2, Order No. 22, Dr. Otto U. King, General Secretary's Salary and labor bill 593.00

November 14, Order No. 23, Research Institute, dues received from Tennesse State Dental Society 2.00

November 22, Order No. 24, Postmaster, Huntington, Ind., Postage on The Journal 150.00

November 26, Order No. 25, Research Institute, Dues received from Tennessee State Dental Society 1.00

November 26, Order No. 26, Dr. Otto U. King, General Secretary's salary and labor bill 617.50

Dec. 18, Order No. 27, Dr. C. B. Gifford, Secretary Legislative Committee, to telegrams and telephone calls 5.34

December 26, Order No. 28, Dr. Otto U. King, General Secretary's salary, labor and office expenses 561.30

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January 5, Order No. 29, Whitelock Press; November issue of The Journal.. 2190.75

January 8, Order No. 30, William Whitford, Reporting meeting N. D. A., New York City, 1917, Railroad expenses, Transcripts, Stenographers' bills 502.30

January 23, Order No. 31, Fidelity Deposit Company of Maryland, Bond for Dr. A. R. Melendy, Treasurer 40.00

January 25, Order No. 32, Whitelock Press, December issue of The Journal..... 2259.40

January 26, Order No. 33, Dr. Otto U. King, General Secretary's salary and Stenographer's salaries 600.65

February 26, Order No. 34, Whitelock Press, January issue of The Journal.... 2300.58

March 7, Order No. 35, Dr. Otto U. King, General Secretary's salary and stenographer's salary 480.62

March 7, Order No. 36, Whitelock Press, February issue of The Journal..... 2350.00

March 29, Order No. 37, Whitelock Press,

Program New York Meeting..$	415.00
Envelopes	349.12
To Hauling Mail	.65
To Hauling Mail	5.35
To Hauling Mail	9.51
To 1 Book and Index No. 5035)	
To 1 Book and Index No. 5018)	7.00
To 5000 Alloy Plates, Addressograph	19.75
To freight on Journal to Bindery	3.01
To 1000 expenditure orders...	3.00
To 10 lb. paper, adding machine	1.60
To 1500 letter heads.....	13.50
To 5000 applications	11.50
To 1000 envelopes	3.00
To 15,200 circular letters (folding, stamping 12,000 Envelopes)	148.25
To Second sheets, 1 ream....	2.40
To 10 sheets card board.....	.40
To 2 books and index (Leather)	10.80
To 750 circular letters, 750 envelopes	10.85
To 1000 labels	3.25
To 15,000 envelopes	8.85
To 5000 second sheets, 1000 envelopes	11.50
To 5000 letter heads	26.75
To 1 check writer	10.00
To 16 sheets card board	.65
To 24 half-tones (Groves)...	36.25
To 24 half-tones (Eisenstaedt)	24.30
To half-tones (Logan-cup)..	7.60
To half-tones (Logan).....	4.05
To Etching (Price)	.95
To half-tones (Ward)	24.00
To half-tones (White).....	2.17
To half-tones (Officers of Association)	17.75
To half-tones (Board of Trustees)	19.65
To half-tones (Oral Hygiene Department)	15.45
To half-tones (Weaver)	71.60

To half-tones (Council of National Defense) 24.25
To half-tones (Wies) 14.81
To half-tones (Rosenow)..... 18.10
To half-tones (Heckard)..... 5.33
To half-tones (Fones) 63.04
To half-tones (Rosenow).... 2.22
To half-tones (Bunting)..... 3.36
To half-tones (Cover Plate).. .31
To half-tones (Price) 20.41
To half-tones (Price) 2.21
To half-tones (Research).... 7.48
To half-tones (Clapp) 15.65
To half-tones (Campbell).... 29.19
To half-tones (Bush) 18.16
To half-tones (Cover, New Design) 8.87
To half-tones (Campbell).... 3.68
To half-tones (Silverman)... 32.15
To half tones (New Headings) 10.00
To half-tones (Silverman)... 15.89
To half-tones (Joseph Eby). 19.90
To half-tones (Service Flag). 4.78
To 1500 cards, Surgeon General U. S. A..... 3.60
To 500 cards, Surgeon General U. S. A. 1.20
To 500 L. H. and Env. (Bacon) 500 L. H. & Env. (Logan) .....4..... 13.00
To 3450 Envelopes, 3450 Letter Heads (Brown)..... 42.75
To 1000 Envelopes and 1000 Letter Heads (Brown).... 10.50
To 200 Letter Heads (Melendy) 1.50
To 500 Envelopes (Logan), 4500 (King) 4.75
To 200 Letter Heads, 200 Envelopes (Kelley) 3.80
To Carpenter 5.25
Drayage 10.90
To Shelves for Journal files.. 17.26
To work on mailing list..... 1.00
To crating office furniture.... 22.00
To crating office furniture.... 2.30
To crating office furniture... 8.50
To 25,000 Letter Heads (Folding and stamping) 199.00
To 25,000 Envelopes 52.75
To 25 Old, 10 New Cards, (Wisconsin) 2.00
To 1184 Old, 275 New Cards (Iowa) 13.25
To 190 Old, 40 New Cards (Florida) 2.00
To 33 Old, 7 New Cards (Alaska) 1.10
To 165 Old, 30 New Cards (Dist. of Col.)..... .40
To 820 Old, 206 New Cards (Wisconsin) 12.55
To 35 Old, 10 New Cards (Porto Rico) ..... .75
To 507 Old, 113 New Cards (South California) 3.75
To 5 Old, 2 New Cards (Delaware) ..... .40
To 88 Old, 19 New Cards (Army and Navy) ..... .90
To 500 Membership Cards (Massachusetts) 3.10
To 1800 Old, 500 New Cards (Pennsylvania) 23.50
To 1253 Old, 284 New Cards (Indiana) 13.50
To 460 Old, 86 New Cards (Connecticut) 2.75
To 170 Old, 35 New Cards (South Carolina) 1.10
To 1020 Old, 222 New Cards (Michigan) 10.75
To 1011 Old, 219 New Cards (Missouri) 11.00
To 421 Old, 131 New Cards (Kentucky) 5.50
To 205 Old, 40 New Cards (Maine) 1.85
To 175 Old, 35 New Cards (Rhode Island) 1.25
To 235 Old, 45 New Cards (South Dakota) 1.25
To 110 Old, 20 New Cards (Vermont) 1.25
To 48 Old, 10 New Cards (National Capitol) 1.15
To 60 Old, 15 New Cards (New Mexico) 1.75
To 285 Old, 55 New Cards (North Carolina) 2.60
To 245 Old, 50 New Cards (Alabama) 1.75
To 412 Old, 93 New Cards (Oklahoma) 6.50
To 973 Old, 216 New Cards (Minnesota) 9.90
To 782 Old, 180 New Cards (New Jersey) 8.75
To 256 Old, 63 New Cards (West Virginia) 4.35
To 540 Old, 100 New Cards (Nebraska) 4.15
To 260 Old, 50 New Cards (Virginia) 3.00
To 155 Old, 30 New Cards (Louisiana) 2.00
To 280 Old, 55 New Cards (Tennessee) 3.50
To 375 Old, 75 New Cards (Colorado) 2.00
To 35 Old, 10 New Cards (Dist. of Col.) 1.25
To 268 Old, 55 New Cards (Maryland) 1.75

To 180 Old, 35 New Cards (Arkansas) 1.90
To 2118 Old, 423 New Cards (New York) 18.50
To 285 Old, 54 New Cards (Georgia) 1.75
To 225 Old, 50 New Cards (North Dakota) 1.50
To 587 Old, 132 New Cards (Washington) 5.75
To 110 Old, 25 New Cards (Montana) 1.75
To 140 Old, 28 New Cards (Utah) 1.00
To 165 Old, 32 New Cards (Mississippi) 1.09
To 55 Old, 15 New Cards (Wyoming) 1.00
To 580 Old, 110 New Cards (Texas) 4.59
To 32 Old, 10 New Cards (New Hampshire) 1.00
To 198 Old, 56 New Cards (Oregon) 3.00
To 790 Old, 150 New Cards (California) 4.00
To 35 Old, 10 New Cards (Arizona) 1.35
To 2552 Old, 594 New Cards (Illinois) 29.00
To 307 Old, 85 New Cards (Massachusetts) 3.15 $2267.76

March 29, Order No. 38, R. G. Mitchell Premium on Insurance Policy..... 15.70
March 26, Order No. 39, Addressograph Company, Supplies, and Listing Attachment 182.13
March 29, Order No. 40, Wabash Cabinet Company, Filing Cabinet..... 44.00
March 29, Order No. 41, Dr. Otto U. King, General Secretary's Office expenses:
Postage $1065.88
Express, Telephone and Telegraph 126.56
Rent, Labor and Electricity.. 108.51
Miscellaneous 79.92 $1380.87

April 4, Order No. 42, Dr. Otto U. King, General Secretary's salary and Stenographers' salaries 564.65
April 10, Order No. 43, Journal Fund..... 5000.00
April 10, Order No. 44, Research Institute, Dues from Arizona State Dental Society 6.00
April 11, Order No. 45, Dr. M. E. Vance, Expenses incurred attending meeting of Ad Interim Committee, Chairman of various sections, and others, in Chicago, March 30 ..... 46.73
April 11, Order No. 46, Dr. Henry A. Kelley, Expenses incurred attending meeting of Ad Interim Committee, Chairman of various sections, and others, in Chicago, March 30 ..... 103.41
April 11, Order No. 47, Dr. C. Victor Vignes, Expenses incurred attending meeting of Ad Interim Committee, Chairman of various sections, and others, March 30.. 70.30
April 11, Order No. 48, Dr. Marcus L. Ward, Expenses incurred attending meeting of Ad Interim Committee, Chairmen of various sections, and others, in Chicago, March 30 ..... 20.00
April 11, Order No. 49, Dr. H. J. Burkhart, Expenses incurred attending meeting of Ad Interim Committee, Chairmen of various sections, and others, in Chicago, March 30 ..... 63.14
April 11, Order No. 50, Dr. DeLos L. Hill, Expenses incurred attending meeting of Ad Interim Committee, Chairmen of various sections, and others, in Chicago, March 30 ..... 63.55
April 13, Order No. 51, Dr. Thomas P. Hinman, Expenses incurred attending meeting of Ad Interim Committee, Chairmen of various sections, and others, in Chicago, March 30 ..... 62.00
April 15, Order No. 52, Research Institute, Dues from Arizona State Dental Society 3.00
April 15, Order No. 53, Dr. Weston A. Price, Expenses incurred attending meeting of Ad Interim Committee, Chairmen of Various Sections, and others, in Chicago, March 30 ..... 22.00
April 15, Order No. 54, The Whitelock Press, March issue of The Journal..... 2395.00
April 19, Order No. 55, Research Institute, Dues from West Virginia State Dental Society 4.00
April 23, Order No. 56, Dr. W. P. Larson, Application for Patents 130.00
April 25, Order No. 57, Postoffice, Huntington, Ind., Postage May issue of The Journal 150.00
May 2, Order No. 58, Henry O. Shepard Company, for half-tones of two photographs, and express charges..... 5.08
May 3, Order No. 59, C. R. Lawrence, Expenses incurred attending meeting of Ad Interim Committee, Chairmen of various sections and others, in Chicago, March 30 ..... 58.39
May 4, Order No. 60, The Whitelock Press, April issue of The Journal..... 2298.00
May 7—Order No. 61, Cameron, Amberg & Company, office supplies (Ledger, inkpads, typewriter ribbons) 11.10
May 7, Order No. 62, Wm. F. Grower, Agent Unity Bldg., office rent for May 50.00
May 7, Order No. 63, Dr. Otto U. King, General Secretary's salary and salaries of stenographers 564.65

May 8, Order No. 64, Postmaster, Huntington, Ind., 26,000 stamped envelopes..... 300.00

May 13, Order No. 65, Norman Tolson, Drawings for Black Memorial..... 25.00

May 16, Order No. 66, Safford Stamp Works, National Dental Association Seal 6.50

May 18, Order No. 67, The Whitelock Press,

To 10,000 Remittance Blanks	16.75	
To 500 Letter Heads (Secretary)	4.90	
To 600 Letter Heads, 300 Envelopes No. 9, 200 Envelopes No. 6¾	7.10	
To 100 Membership cards, (Metropolitan District)....	2.75	
To 200 Letter Heads and 200 Envelopes	3.00	
To 5000 Labels	4.75	
To 150 Old, 35 New Membership Cards (Pennsylvania)	2.75	
To 1000 Receipts (Advertising)	6.50	
To 500 Envelopes	1.50	
		50.00

May 18, Order No. 68, The Whitelock Press,

To Oakman Cuts	48.41	
To Callahan Cuts	7.38	
To Royal Society Cuts	53.73	
To Buckley Cuts	31.97	
To Army and Navy Cuts....	2.47	
To Oakman Cuts	9.42	
To Coolidge Cuts	10.73	
To Coolidge Cuts	15.76	
To Coolidge Cuts	7.95	
To Oakman Cuts	4.17	
To Items of Interest	3.65	
To Vogt's Cuts	6.36	
To Vogt's Cuts	3.10	
To Zinc Etchings—Price	26.82	
To Halftones—Case	2.00	
To Halftones—Army and Navy	2.75	
To Halftones—Case	30.86	
To Cartoon Preparedness League	1.75	
To Halftones—Comely	11.25	
To Halftones—Jenkin	13.70	
To Halftones—Jenkin	5.00	
To Zinc Etching—Jenkin ...	2.35	
To Halftones—Jenkin	44.55	
		346.13

May 18, Order No. 69, The Whitelock Press,

To Drayage on Journal	.50	
To Postage on Journal and Return Journals Postage..	4.94	
To Postage on Journal	.12	
To Express on Addressograph Plates	.90	
To Postage on Journals.....	.26	
To Drayage on Journals	5.52	
To Express on Membership Cards	1.32	
To Crating Supplies	1.29	
To Drayage on Journal	5.61	
To Postage on Journal and Return Postage, Journals..	18.16	
To Express	2.35	
To Postage on Journal	6.30	
To Boxing and Hawling Cabinets	1.25	
To Express on Journals—Heckard	.41	
To Express on Addressograph	5.78	
To Postage	3.29	
To Freight and Drayage on safes	28.66	
To Drayage on Mail	5.78	
To 500 Tags and Labels....	2.56	
To 3000 X M 140.....	.21	
To 1500 Labels and Tags....	7.58	
To New Parts and Hotel and Railroad Fare — Addressograph	17.76	
To Postage	7.62	
To Express—Cleveland Mfg. Co.	1.84	
To Express	.36	
To Express—Reprints — Carl Grove	2.90	
To Drayage	5.66	
To 2000 B. Labels and Tags	10.64	
		149.57

May 24, Order No. 70, Henry A. Kelley, to Expenses—Attending Massachusetts State Dental Society at Boston, May 2 20.31

May 24, Order No. 71, 71, Dr. Otto U. King, General Secretary's Office Expenses:

Express, Telephone and Telegraph	42.39	
Rent and Electricity	163.84	
Furniture, Supplies and Miscellaneous	120.12	
Trip Expenses	78.78	
Postage	1176.44	
		1581.57

May 27, Order No. 72, The Unity Building, Rent for the Month of June 50.00

June 1, Order No. 73, The Whitelock Press, May issue of The Journal..... 2265.00

June 1, Order No. 74, The H. O. Shepard Printing Company, Halftones, Sketches, Electros, etc. 50.70

June 4, Order No. 75, The Huntington Postoffice, Postage on Journal 210.00

June 5, Order No. 76, Dr. Otto U. King, General Secretary's Salary and Stenographer's Salary 564.65

June 8, Order No. 77, Western Union Telegraph Co., Telegrams 27.70
June 14, Order No. 78, The Whitelock Press, Reprints for Carl J. Grove..... 29.50
June 18, Order No. 79, Postmaster, Huntington, Indiana, Postage on Preliminary Program of 1918 meeting..... 600.00
June 24, Order No. 80, Dr. Frank M. Casto, Expenses incurred attending meeting of the Ad Interim Committee, Section Officers, etc., in Chicago, March 30, 1918 ..... 25.00
June 24, Order No. 81, Dr. Arthur R. Melendy, Treasury's salary 200.00
June 25, Order No. 82, The Unity Building, Rent for the month of July..... 50.00
June 27, Order No. 83, The Whitelock Press, June issue of The Journal..... 2397.00
June 29, Order No. 84, The Whitelock Press,

To 24,000 Envelopes	26.75
To 113,900 Envelopes	445.50
To 200 Letter Heads and Envelopes (Gallie)	3.45
To Cut—Case	1.80
To 2 Cuts—Custer	4.00
To 4 Cuts—Blum	12.42
To 7 Cuts—Hellman	12.20
To 20 Cuts—Dittmar	29.23
To 27 Cuts—McKay	74.96
To 4 Cuts—Friesell	19.25
To Drayage	1.10
To Stamps	2.00
To Express	.29
To Telegrams, S. S. White Co. and Chas. Oakman.....	1.77
To Postage on Journals.....	4.35
To Typewriter Roller	2.50
To Mail Drayage	3.48
To Express—Inserts	11.71
To Express	1.51
To Express—Inserts	6.02
	664.29

July 7, Order No. 85, Dr. Otto U. King, Secretary, General Secretary's salary and Stenographers' Salaries 564.65
July 7, Order No. 86, The Henry O. Shepard Co., to Electros, Halftones Designs and Express charges..... 206.28
July 8, Order No. 87, Western Union Telegraph Co., Telegrams for Month of June 15.82
July 12, Order No. 88, The Whitelock Press,

To Printing	173.30
To Journal	72.67
	245.97

July 12, Order No. 89, National Dental Association, to Stamps purchased for Special Announcements—Chicago meeting 180.00
July 16, Order No. 90, The Addressograph Co., to balance due on account..... 31.84
July 18, Order No. 91, Adding Machine Corporation, to Adding Machine..... 155.00
July 18, Order No. 92, The Whitelock Press, to 2000 Reprints for Dr. Vogt.. 65.00
July 18, Order No. 93, Cameron, Amberg & Co., to Office Supplies 35.05
July 19, Order No. 94, Elizabeth Weinert, Washington, D. C., to Typewriting lists of dentists in service 8.25
July 19, Order No. 95, Florence Smith, Washington, D. C., to typewriting lists of dentists in service 7.50
July 19, Order No. 96, Blanche Bogard, Washington, D. C., to typewriting lists of dentists in service 6.75
July 19, Order No. 97, Agnes Lyberg, Washington, D. C., to typewriting lists of dentists in service 7.14
July 19, Order No. 98, Lawrence Levy, Washington, D. C., to typewriting lists of dentists in service 5.64
July 19, Order No. 99, Loretto Monahan, Washington, D. C., to typewriting lists of dentists in service 1.14

The following communication was read:

My dear Secretary:

We are pleased to report that we have sent today, by American Express, the statement of a certified public accountant, together with Liberty Bonds of the Second Loan of 1917 to the amount of Thirty-five Hundred Dollars. ($3500) and a New York draft for Eight Dollars and twenty cents, ($8.20) which closes the account of the Local Committee of arrangements, National Dental Association, with the Empire Trust Company.

The members wish, individually and collectively, to express their gratification in having been privileged to serve the profession this way.

Yours truly,

(Signed) W. W. WALKER, Chairman,
CHAS. F. ASH, Exhibits,
L. M. WAUGH, Sec'y-Treas.

FINAL STATEMENT OF THE TREASURER, L. M. WAUGH.

Cash received to date, $11,590.09.
Balance in bank (Surplus)..$3551.45
Investment Liberty Bond, 4% 2517.22

Balance on February 4, 1918	1034.23
Investment Liberty Bonds....	1000.00
Balance	34.23

J. H. Koch, for audit of books	25.00	
Express charges to Chicago..	1.00	
		26.00
Balance		8.23
N. Y. draft to Otto U. King..		8.23
Balance on hand		0.00

(Signed) L. M. WAUGH, Treasurer.

REPORT OF CERTIFIED PUBLIC ACCOUNTANT.

Dr. Leuman M. Waugh, Secretary and Treasurer,
Local Committee of Arrangements,
National Dental Association,
576 Fifth Ave., New York, N. Y.

Dear Doctor:

This is to certify that we have examined the cash account of your Committee for the period beginning March 22, 1917, and ending February 4, 1918, and are of the opinion that all receipts and expenditures incidental thereto have been properly accounted for, and that the balance of $3,551.45 truly represents the excess of receipts over expenditures relating to your Committee's work as at this date.

This balance is made up as follows:

Empire Trust Co., on deposit.....	$1034.23
Investment Liberty Bonds, 4%.....	2517.22
Total	$3551.45

Submitting the foregoing, we are
Very truly yours,

(Signed) JOHN KOCH & CO.,
Certified Public Accountants.

ON MOTION MADE, seconded and carried, the Local Committee of New York City were commended for the business-like way in which they had conducted their work and the Secretary was authorized to convey, thru the Chairman of the Committee, Dr. W. W. Walker, the sincere appreciation of this body for the large sum of money, and efficiency they had displayed in their local committee work.

IT WAS MOVED, seconded and carried that $5,000 be transferred from the regular cash, and bonds, in the treasury to The Journal fund.

Drs. Logan, Burkhart and King were appointed a committee on Constitution and By-laws, this committee to coordinate and unify the Constitution and By-laws, and report to the House of Delegates at the 1918 meeting.

The following resolution was passed:

It is the sense of the Board of Trustees that they unanimously disapprove of the resolution which was offered by a member of the Legislative Committee at the meeting of the American Institute of Dental Teachers, held in Pittsburgh January 29-31, which had reference to administration matters relating to the dental service in the army.

DR. BURKHART THEN MOVED that the Secretary be instructed to forward a copy of this resolution to the Surgeon General of the Army. Seconded and Carried.

The following letters were then read, with reference to the commandeering of Platinum.

"Mr. L. L. Summers,
Chief of the Chemical Division of the War, Industries Board,
Council of National Defense,
Washington, D. C.

Dear Sir:

The 30,000 dentists represented in the National Dental Association, of which I am Secretary, as well as the entire dental profession, are vitally interested in the commandeering of platinum. Unless there is some provision in this order exempting the use of this precious metal for dental purposes, humanity will undoubtedly seriously suffer.

There is no substitute for platinum in the construction of porcelain crowns, bridge work, its use as clasp metal, as used in partial dentures, removable bridges, posts for crowns, etc. In fact it is absolutely necessary to use platinum in the construction of the porcelain fur

naces and in our X-ray work, and yet I can assure you that the dental profession does not want to be unpatriotic, and if necessity demands that all platinum be commandeered we will cheerfully acquiesce.

However, I have been informed thru one of the refiners that they may sell platinum for dental purposes, at least to a limited extent.

Now, as Editor of The Journal of the National Dental Association, I would like to have some sort of a message or ruling from you to publish in the next issue of The Journal so that the profession may have an official communication.

Summarizing:

1. Will the dental profession be permitted to use platinum iridium wire, 15 to 25 per cent. iridium? (This is used in crown and bridge work for anchorage in roots. No other metal has been found that will serve as a substitute.)

2. Pure platinum sheets, .305; .3075 and .001. (This thin platinum is used as a matrix in the construction of porcelain crowns and inlays, etc., and therefore is not a loss but is again returned to the refiners for refining. The fusing of the porcelain used requires a temperature of 3,000 degrees. This, together with the characteristic of the platinum, makes it ideal and we know of no substitute.)

3. Pure platinum wire is used in the construction of certain classes of bridges and crowns and in the making and rewinding of electric furnaces and X-ray work, etc.

4. Dentists accumulate considerable scrap. This they take to the refiners to have refined into sheet platinum, platinum posts, wire, etc. Will they be permitted to continue to do this?

5. Many of the dental colleges are waiting your ruling on this proposition as they use platinum, not only in the clinic but also in their teaching work, namely, the construction of inlays, porcelain crowns, etc.

Thanking you in advance for your promptness in this matter, I am

Very truly yours,

Signed: OTTO U. KING, Secretary."

"Dr. Otto U. King, Chicago, Ill.

Dear Sir: Your letter of March 12 in regard to platinum commandeering:

The effort of the War Industries Board has been to protect the essential industries using platinum and at the same time to provide platinum for the necessary Government requirements. For this purpose the control of all importations and the distribution of platinum in the hands of the importers, manufacturers and refiners was taken over by the Government. It is expected that the dentists will continue to accumulate platinum scrap and that they will make every effort to bring into the industry scrap now held in the hands of individual dentists. At the present time there is no intention of the Government taking over scrap thus accumulated, tho the Government will expect to receive a certain percentage of scrap thru various channels, and is constantly receiving offers of platinum on the part of individuals.

There is no intention of interfering with the platinum used by dental colleges or scientific institutions. It is the non-essential use of platinum the Government is endeavoring to curtail. If the present plan of co-operation is not successful, the Government may be forced to commandeer further supplies of platinum. At the present time efforts are being confined to the control of the unmanufactured platinum.

The price fixed by the Government for the importation of platinum is $105 an ounce for the platinum content in the crude platinum. It is felt that platinum scrap should not be dealt in at a price higher than $100 an ounce for the platinum content in the scrap, and should there be cases of profiteering and higher offers for platinum for non-essential pur-

poses, the Government may be forced to commandeer stocks at the above prices.

Yours very truly,

L. L. SUMMERS,

War Industries Board."

March 20, 1918.

IT WAS MOVED and seconded that the President of the National Dental Association take such action of authority as he deems expedient with reference to the commandeering of platinum. Carried.

DR. HINMAN MOVED that vouchers be drawn on the Treasury to pay the traveling expenses of those in attendance at the meeting. Carried.

Adjournment.

AUGUST 5.—SECOND SESSION.

The Board of Trustees met at 4:10 P. M. and was called to order by President Logan.

There were present Drs. Thomas B. Hartzell, Otto U. King, H. J. Burkhart, C. Victor Vignes, Thomas P. Hinman, Waldo E. Boardman, Marcus L. Ward, C. L. White, and Clarence J. Grieves.

The Secretary read the minutes of the Ad-Interim Committee, which were approved.

Frank O. Hetrick, Kansas, appeared before the Board of Trustees and stated that the exodontists desired to establish a new section in the National Dental Association to embrace their specialty, for the reason that oral surgery and anesthesia did not cover it.

President Logan appointed Dr. Hetrick a committee of one to ask the committee representing the exodontists to formulate a plan and present it to the Board of Trustees at 3:30 P. M. Wednesday, at the place of meeting of the House of Delegates.

Mark F. Finley, District of Columbia, brought up the matter of reviving a committee which was left off since 1915, namely, on the United States Pharmacopeal Convention, which meets only once in ten years.

Dr. Boardman moved that a special committee be appointed to represent the National Dental Association at the next Pharmacopeal Convention to be held in 1920, and that their secretary be advised of the committee appointed.

Seconded and carried.

The President appointed Mark F. Finley, Chairman of this committee, and Herman Prinz, Philadelphia, Pa., and Joseph Head, Philadelphia, Pa.

Charles F. Ash, New York City, presented the following communication from the secretary of the Interstate Association of Anesthetists:

July 18th, 1918.

My Dear Doctor:

May I not draw your attention to a matter which deeply concerns our wounded soldiers who must submit to operations under anesthesia. Since the entrance of the United States into the war we have urged a more thoro organization of anesthetic service and while much has been accomplished, several details, affecting the dental profession and the expert dental anesthetist, remain to be adjusted.

At the present time the Surgeon-General is using specialists in anesthesia, who are physicians and are commissioned in the M. R. C.; woman physician anesthetists, who have contract positions and nurses in the Army Nursing Corps. However, there is some apparently insurmountable obstacle to the realization that the expert dental anesthetist, especially with experience in surgical anesthesia, has his place in the anesthetic service of the Evacuation and Base Hospitals. This condition seems to be due to the fact that the dental quota has been trebly overmanned.

Now I do not think this situation should continue as it is not to the interest of the wounded, the dental profession or the Surgeon-General's Department. At the present writing I have a list of several hundred dental anesthetists who are competent to work side by side with our medical anesthetists at the Front, but their commissioning in service is being held up on account of the overmanning of the dental quota. At the same time, I have information direct from the Front that a great many nurses are being taken from their regular duties to be instructed in anesthesia. In view of the shortage of nurses and the

over-supply of expert anesthetists, this seems an inefficient move.

I have sent Lieut.-Col. Logan lists of those dental anesthetists, already commissioned in the D. R. C., who are anxious to serve as expert anesthetists, and he has been and is doing everything he can to place them in service.

However, there is not a proper appreciation on the part of those in authority as to how serviceable the expert dental anesthetist can be in surgical service and consequently there is a decided tendency to obstruct their entrance into this vital phase of medico-military efficiency.

It is certainly not to the interests of the dental profession, when the work of such men as Barber, Teter, Winter, Molt and others is refused for instruction and such instruction is placed in the hands of nurse-anesthetists. Nor is it justice to the dental profession to have nurses, (who are needed in their own sphere), set to the giving of anesthetics, while hundreds of dental anesthetists are denied the opportunity and privilege of serving.

Now I have been fighting a rather lone fight, except for Lieutenant-Colonel Logan's cooperation, to get recognition and commissions for dental anesthetists in the surgical service, where they can accomplish a splendid work. I believe if the dental profession thru its officers and committees of the National Dental Association could bring some pressure to bear on the Surgeon-General, these expert dental anesthetists could be used to great advantage.

Personally and thru the Interstate Association in the past, I have worked hard to get dental anesthetists into all phases of anesthetic service and for the future I hope to lend support to this movement thru the American Anesthetists, of which I have just been elected Secretary. But this movement is of such importance to the dental profession that I am hoping you can bring it to the attention of those in authority and see to it that the dental anesthetist is given a chance to do his bit, irrespective of whether the dental quota is overmanned or not.

That the anesthetic service is not what it should be may be gleaned from the fact that one of our Interstaters has had to instruct nurses in anesthesia to do the routine anesthetic work at four base hospitals at the front. In the meantime, our expert medical anesthetists are having difficulty in being commissioned and placed in this special work; and worst of all an opportunity of being commissioned and placed in this service is being denied expert dental anesthetists.

I have canvassed the situation and can supply any number of anesthetists needed at the Front and I certainly believe that dental anesthetists with 10 to 15 years or more experience in anesthesia will give our wounded soldiers a better chance of life and recovery than nurse-anesthetists, trained to give anesthetics in a few weeks, and who have had no previous experience.

Incidentally, I might mention that this nurse-anesthetist propaganda (there is no other name for it) has the backing of some of the big men in medico-military authority, because in civilian practice they have been using them, and in conjunction with certain hospital associations are determined to begin the socialization of medicine and dentistry with the nurse-anesthetist, whether the professions will stand for it or not, and they are using this war emergency to foster their propaganda. I fully appreciate the gravity of this charge, but it is true. Now our propaganda is to place as many dental anesthetists in army service as can be used and to encourage their use in civilian hospitals. In fact, the Interstate has never made any distinction between the anesthetists of the allied professions and we have always fought for equal privileges under the law.

I really believe the entire dental profession should get at the solution of this problem as it affects the welfare of a large number of dentists and if the nurse is permitted to enter this field, she will economically drive both the medical and dental anesthetist out as she will undersell her services.

At present the nurse-anesthetist, wholly incompetent, in comparison with other experts, medical and dental, is being given a chance at this vital service, while both medical and dental anesthetists are being withheld.

Should you desire any further information I will be pleased to send it.

Will you let me know if you deem it advisable to push this matter and have it equitably adjusted? Personally I think it a most deplorable discrimination.

That anesthetists are still needed is evidenced by the fact that Sir Herbert A. Bruce during his recent tour said that some 250 would probably be trained for this work in the English and Canadian forces. Now I have offered the services of expert dental anesthetists to both these armies without avail. Apparently those in authority, who are backing the nurse-anesthetist propaganda, are bound and determined to exclude the expert dental anesthetist, altho many of them have proven their worth at the Front.

I hope you will find this situation as unendurable as I have and see that something is done about it. I can assure my personal cooperation and the support of the Association I represent.

Cordially yours,

(Signed) F. H. MECHAN.

Avon Lake, Ohio.

BURKHART MOVED that this communication be received and referred by the Secretary of the National Dental Association to the Surgeon-General of the Army for his information and for such reply as its contents would indicate.

Seconded and carried.

The Treasurer presented his report, stating that the books had been audited by the Assistant Cashier of the City National Bank of Knoxville.

The report is as follows:

REPORT OF THE TREASURER, July 27, 1918.

Receipts.

Balance Oct. 15, 1917	$ 5,825.82
Receipts from Oct. 15, 1917, to July 27, 1918	50,945.87
Total	$56,771.69

Disbursements.

Oct. 15, 1917, to July 27, 1918, as per vouchers 1 to 99 inclusive	$46,782.04
Cash in hand	9,989.65
Total	$56,771.69

Relief Fund.

Liberty Loan Bonds, 2nd Issue	$15,000.00
U. S. Steel Preferred Stock	500.00
5 Bonds American Guarantee Co. of Ind.	500.00
War Savings Certificates, purchased by interest on Liberty Loan Bonds	299.72
4% Certificates Citizen State Bank, Huntington, Ind	8,073.55
Holston National Bank, Knoxville, Tenn. Sav. Acct. No. 6863.....4453.12	
Less Expense Order No. 12.... 314.00	4,139.42
Total	$28,512.69

Journal Fund.

Liberty Loan Bonds, 2nd Issue	$ 5,500.00
War Savings Certificates	500.00
Interest Liberty Loan Bonds converted into War Savings Certificates	66.72
Holston National Bank, Knoxville, Tenn., Sav. Acct. No. 4193	3,895.83
Total	$ 9,962.55

Respectfully submitted.

ARTHUR R. MELENDY, Treas.

July 27, 1918.

I have audited the statement attached, and examined Stocks, Bonds and Certificates, and found same to be as stated.

Respectfully yours,

CHAS. C. BURKHART.
Assistant Cashier.

ON MOTION, the report was received and approved. At this juncture, Dr. Grieves took the Chair. The General Secretary, Otto U. King, presented his report, as follows:

SECRETARY'S ANNUAL REPORT

To the Board of Trustees of the National Dental Association, the Secretary submits the following report:

Expenditure Orders 1 to 99 inclusive, were read and allowed.

Itemized Statement of Secretary's Cash Book.

RECEIPTS.

Current Dues	$37,553.10
Back Dues	577.00
Dues for 1919	6.00
Journal Advertising	8,593.04
National Relief Fund	8,073.55
Research Institute	16.00
Journal Subscriptions	259.26
Miscellaneous	383.77
Reprints	29.50
Received from Local Committee, New York City	3,508.20
Received from Local Committee, Louisville, Ky.	20.00
Total	$59,019.42

Remittances to Treasurer.

Dues, Advertising, Journal Subscriptions, Miscellaneous, etc.	$47,401.67
Money received from Local Committee, Louisville, Ky.	20.00
Money received from Local Committee, New York City	3,508.20
Relief Fund	8,073.55
Research Institute	16.00
Rend. Total	$59,019.42

Remittances to Treasurer.

(Itemized.)

1917.	
November 23	$ 500.00
December 12	1,000.00
December 13	500.00
December 19	300.00
1918.	
January 11	600.00
January 24	2,500.00
February 7	500.00
February 12 Liberty Bonds from Local Committee, New York City	3,508.20
February 15	1,200.00
February 19	1,000.00
March 5	2,000.00
March 8	600.00
March 11	500.00
March 13	2,000.00
March 14	20.00
March 22	1,000.00
March 26	1,500.00
March 29	800.00
April 4	1,429.46
April 9	500.00
April 12	600.00
April 24	1,500.00

May 12 Liberty Bond	1,000.00
April 11	2,000.00
April 13	1,500.00
April 16	1,000.00
April 19	500.00
April 23	1,000.00
April 26	1,000.00
April 30	1,000.00
May 11	1,500.00
May 13	500.00
May 24	500.00
May 3	1,000.00
May 16	1,000.00
May 31	1,000.00
June 7	1,600.00
June 8	1,000.00
June 15	798.00
June 19	885.55
June 24	1,033.25
July 6	5,753.38
July 11	1,317.03
July 12	1.00
July 6 Relief Fund	8,073.55
Total	$59,019.42

ITEMIZED STATEMENT OF DISBURSEMENTS OCTOBER 15, 1917, TO JULY 12, 1918, AS PER EXPENDITURE ORDERS 1 TO 99 INCLUSIVE.

President's Office	$ 128.34
Secretary's Office	6,363.23
Treasurer's Office and Committees	1,929.09
Printing	3,366.19
Stamps, Postage, etc.	3,376.01
Furniture and Fixtures	1,242.45
Journal	21,904.06
Supplies, Labor, Rent, Insurance, Refund Dues, Electricity and Miscellaneous	2,456.67
Research Institute	16.00
Paid into Journal Fund	6,000.00
Total	$46,782.04

To the Board of Trustees of the National Dental Association:

State of Illinois, Cook County, ss.

This is to certify that we have examined the cash book of the above named association on pages 74 to 103, both inclusive, which pages contain the cash entries of the above named association, as submitted to us, made and entered therein between the dates of October 15, 1917, and July 11, 1918, and find as follows, to-wit:

That the total cash receipts from all sources equals the total remittance to the treasurer of said association, both amounting to $59,019.42.

That the total amount of orders issued against the Treasurer of said association amounts to $46,782.04.

That the book is in proper balance.

WITNESS our hand this 11th day of July, 1918.

GLADYS M. CAIN, Bookkeeper,
National Dental Association.

VICTORIA STOLBERG, Asst. Bookkeeper,
National Dental Association.

REVIEW OF TABULATED REPORT.

A careful review of the above tabulated reports shows that notwithstanding the increased cost of paper, supplies, material, new fixtures, labor, etc., we have made an extraordinarily gratifying record as witnessed by the following facts:

1. We have transferred from our regular treasury to the sinking or Journal fund $6,000.00

2. We now have in cash on hands $12,657.88.

3. We have made a net increase in the National Relief Fund of $8,449.24, making a total in the Relief Fund of $28,512.69.

4. Our total assets show a net increase of $11,537.81.

5. The Secretary's office, notwithstanding the expense of moving to Chicago and other increase of expenses due to war conditions, has made a net decrease in this office of $1,355.69.

6. It should be noted that the increase in our assets is largely due to the economical basis on which we are publishing our Journal and the saving due to our plan of reducing overhead expense of operation.

7. The Research Institute report will also show that the plan adopted one year ago of State Societies paying their dues direct to that institution has proven a financial success and undoubtedly will materially assist in establishing it on a firm financial basis.

8. The advertising pages of The Journal have increased so that we were carrying 25 pages in the July Journal.

9. From the amount of money received since the books were balanced, our membership shows an increase over 1917, notwithstanding the fact that we now have over 6,000 men who have received commissions in the various Army and Navy Dental Corps.

SOME RECOMMENDATIONS FROM THE JOURNAL COMMITTEE.

1. That we increase the advertising rates from $50 to not less than $60.00 per page. It will be necessary for us to take this action owing to the continual increase in the cost of paper, labor and the new postage rates.

2. The action taken by the Board of Trustees last year approving our suggestion that The Journal Fund be made a sinking fund and that a special effort be made to turn into this fund a large amount each year, has made it possible for us to have on hands at this time practically $10,000 in this Journal Fund. Therefore, in view of the fact that we now have cash on hands in the regular treasury $12,657.88, we would suggest that $7,000 be immediately transferred to this fund. This would then give us a sinking fund of

$16,500. It is imperative that the dental profession, thru the Board of Trustees, husband carefully our moneys, thus creating at the earliest possible moment a sinking fund large enough to place our organization on a firm fundamental financial basis. We must, as officers, show a keen business ability and the necessary shrewdness or far-sightedness in this tremendous publication proposition in order to establish our Journal and organization on a sound business basis.

ADVERTISING.

We were a little anxious during this war crisis over the advertising situation but as has been mentioned elsewhere in our reports, we now have 25 pages of advertising, an increase of 9 pages over last year.

Considering the standard of the advertising pages of The Journal, the financial returns and the future outlook are very flattering. We now have the advertisers soliciting us for business instead of our office being compelled to send agents or thru other methods solicit their advertising. Especially has this been true during the last few months. Therefore, it takes no prophet to see that the handwriting on the wall means that our Journal advertising pages are not only recognized as the best medium of advertising but above all it means that The Journal has become recognized as the real mouthpiece of the dental profession. Therefore, the keen and shrewd business dental dealer and manufacturer recognizes in our Journal the best medium thru which to reach the rank and file of the dental profession.

Considering the standard of the advertising pages of The Journal, the financial returns are very gratifying. The fundamental rule governing advertising is that no proprietory or controlled medicine shall be advertised unless it has been investigated by the Council on Pharmacy and Chemistry of the American Medical Association and accepted for new and non-official remedies. In those instances wherein the goods to be advertised belong strictly in the dental field, our own committee passes on them before accepting the advertisements. The same general principles apply to other articles advertised, viz: that the product advertised must be an honest one and the claims made for it must not be exaggerated. Naturally this high standard that our Journal has established has resulted in the loss of a good deal of advertising but we are sure that it pays to be thus rigid even from a commercial point of view.

That part of the Secretary's report which has been referred to in his report to the House of Delegates, The Journal report as well as suggested in the Trustees' report to the House of Delegates has not been repeated in this report.

To each member of the Board of Trustees we wish to extend our sincere thanks and appreciation for the loyal cooperation we have received during this year's work.

Respectfully submitted,

OTTO U. KING, General Secretary.

HINMAN MOVED that the report be received and discussed. Seconded and carried.

The report of the Secretary was then taken up section by section.

HINMAN MOVED that the charge per issue per page advertising in The Journal be fixed at $60.00, and that the fourth cover page be increased to $85.00.

Seconded by Dr. Boardman and carried.

HINMAN moved that $7,000.00 of the current funds be transferred to the credit of The Journal fund, and that the Treasurer be instructed to make this transfer on the books.

Seconded by Dr. Burkhart and carried.

HINMAN moved that the report of the Secretary be approved.

Seconded by Dr. Hartzell and carried.

ON MOTION, the Board of Trustees adjourned until 3.30 P. M., Wednesday.

AUGUST 7.—THIRD SESSION.

The Board of Trustees met at 3:30 P. M. and was called to order by President Logan.

There were present Drs. Hinman, King, Boardman, White, Hartzell, Burkhart, Vignes, Grieves, and Ward.

Henry E. Germann, Chairman, presented the Report on Eastman and Forsyth Tablet, showing a balance on hand of $486.55.

The report is as follows:

REPORT OF EASTMAN AND FORSYTH TABLET.

Cincinnati, Ohio, October, 1918.

In accordance with the recommendations our Committee adopted at the last meeting of the National, an effort was made to solicit the individual membership to raise the necessary funds to the

placing of Tablets in the Eastman and Forsyth Institutions.

Ten thousand circular letters were sent out soliciting subscriptions from individual members. The returns from this were a little over $300.00 in about four months, not enough to pay for printing and postage.

About this same time we gave the matter considerable publicity by writing to the various Journals, asking them to give us space, which most of them gladly did. This form ad advertising was very helpful and the fund increased somewhat.

Rather than go to the expense of soliciting the balance of the 8,000 members in the National, we formulated another form of attack. A circular letter was sent to the Secretary of each component, asking the society to contribute 25 cents per capita, or appoint a committee asking for subscriptions.

A number of letters have gone out to each component society, but up to the present date only two secretaries have advised that action had been taken and that committees were appointed to collect. Rochester took action to collect $1.00 per member, and the Second District of New York voted $25.00 subscription at their last meeting.

We are still after the components, and as some 50 or 60 societies meet during October, we expect to hear something from them the early part of November.

The following is a complete statement of the receipts and expenditures pertaining to the above:

Receipts.

Subscription by individual members	$579.50	
$1 check returned account lack of signature	1.00	$578.50
Subscription by component societies		5.00
Total		$583.50

Expenditures.

Printing, Stationery, etc., as per bills att.	$116.05	
Postage	216.20	
Stenographical & Circular Work..	27.00	
Second Hand Typewriter	38.50	$397.75
Balance on Hand		$185.75

FURTHER REPORT ON EASTMAN AND FORSYTH TABLET.

Cincinnati, Ohio, August, 1918.

Since making our report last October, every possible effort was made to raise this fund to the desired amount. The Secretaries of 135 Component Societies were asked by letter to bring this matter before the attention of their members at the next meeting of their Society, and to use their influence to have their Society vote favorably; innumerable letters were written to personal friends of the Committee, urging them to do their utmost when this question was presented at their meeting. In a number of instances, the Secretaries reported that their Societies decided to bring this up again in a few months, so at the expiration of that time, a letter was again sent out to them. The various Journals were asked to give this Fund more publicity. The result of our efforts appears in the following report:

Receipts.

Balance on hand reported previously	$185.75	
Add'l Individual Members' subscriptions	8.00	
State Societies	25.00	
Component Societies	243.30	
Sale of Typewriter	30.00	$492.05

Disbursements.

Postage	$ 3.00	
Stenographical Work	2.50	5.50
Balance on Hand		$486.55

The following is a report of contributions by states:

* Arkansas	$ 6.70
California	3.50
* Colorado	8.00
% Connecticut	25.00
% Dist. of Col.	3.00
Florida	5.00
Georgia	2.00
Idaho	1.00
% Illinois	90.50
% Indiana	21.00
% Iowa	11.00
Kansas	2.00
% Maine	9.00
% Massachusetts	44.00
% Michigan	25.50
Montana	1.00
Minnesota	1.00
% Missouri	16.00
% New Hampshire	9.00
% New Jersey	21.00
% New York	337.00
No. Dakota	1.00
% Ohio	161.60
Pennsylvania	2.00
* South Carolina	4.00
% Tennessee	2.00
Texas	1.00
Utah	4.00
% Virginia	13.00
% Vermont	8.00
Washington	2.00
% West Virginia	10.00
Wyoming	3.00
Porto Rico	1.00
	$860.80
Individuals	587.50

7th Dist. New York	115.00	
1st Dist. New York	25.00	
2nd Dist. New York	25.00	
Ohio State	25.00	
Cleveland D. S.	35.60	
Cincinnati D. S.	25.00	
N. E. Arkansas	6.70	
Will Grundy County	5.00	
Charleston D. S.	3.00	
Colo. Spring	8.00	273.30
		$860.80

% Indiv. & Soc.
* Societies.
Indiv. only.

The wholesale solicitation was certainly a dismal failure, and the component and state societies did not respond any more liberally than did the individuals.

Your committee regrets very much having fallen down on the raising of these funds, but in all of the Chairman's experience in raising funds, this certainly seemed to be the most unpopular, and in view of this fact, and the varied expression on the subject of collecting these funds, your committee suggest the following:

"That two committees be appointed, one in Boston and one in Rochester; that the fund in hand be divided, and the additional amount necessary to complete the work, be raised in the respective states of Massachusetts and New York.

Or that the difference between the fund in hand and $1,000 be made up by the National Dental Association, and the work completed by two separate committees."

HENRY E. GERMANN, Chairman.

DR. HINMAN MOVED that the Board of Trustees recommend that this fund be placed to the credit of the Relief Fund of the National Dental Association, and that the committee be instructed to write to the large contributors regarding this matter, and if there was any objection on their part, a check would be sent to them for the amount of money they had contributed.

Seconded and carried.

C. R. Lawrence, Oklahoma, spoke of the action taken by the Section on Mouth Hygiene, stating that Maude Tanner had presented a paper in reference to text books in the public schools, and that after considerable discussion a resolution was unanimously passed by the Section that this matter be referred to the Board of Trustees of the National Dental Association.

He further stated that two text books had been prepared by Dr. Tanner, and he thought the National Dental Association might see fit to publish them. Such men as Drs. Oakman and Ebersole had endorsed the idea.

IT WAS MOVED that Dr. Lawrence be made Chairman of a committee, with power to appoint two other members, to report back to the House of Delegates or to the Board of Trustees a definite plan for the publication of such books.

Seconded and carried.

Dr. Hartzell spoke of the valuable scientific work that had been done and was done by Dr. Larson in the University of Minnesota.

DR. HINMAN MOVED that the members of the Board of Trustees of the National Dental Association express their interest in and appreciation of the work done by Dr. Larson, and believe that it should be carried to an ultimate conclusion.

The Board of Trustees believe that this contribution will be of untold value to humanity, and that the Secretary of the National Dental Association be instructed to send a copy of this resolution to Mr. M. L. Burton, President of the University of Minnesota.

Seconded and carried.

DR. BURKHART MOVED that the Board of Trustees be directed to prepare a resolution to present to the House of Delegates at its session on Friday commendatory of the work of Surgeon-General Gorgas for his interest in dentistry, and likewise commending his work in general, and to request the President of the United States to reappoint Surgeon-General Gorgas.

Seconded and carried.

DR. KING MOVED that the Board of Trustees recommend to the House of Delegates that Surgeon-General Gorgas

of the Army, Admiral William C. Braisted, Surgeon-General of the Navy, Brigadier-General Robert E. Noble, and Col. Chas. H. Mayo, be made honorary members of the National Dental Association.

Seconded and carried.

On motion, the Board of Trustees adjourned to meet at 10:30 A. M., Thursday, August 8.

AUGUST 8.—FOURTH SESSION.

The Board of Trustees met at 11 A. M. and was called to order by President Logan.

There were present Drs. King, Grieves, Hinman, White, Ward, Hartzell, Burkhart and Vignes.

The minutes of the two previous sessions were read and approved.

H. E. Friesell and A. L. Midgley, presented the subject of dental education as set forth in the report of the Committees on Dental Education and urged the Board of Trustees to lend financial support to the Dental Index Bureau in its work, and also to the Dental Educational Council of America in the conduct of its work.

DR. KING MOVED that the Board of Trustees appropriate for the Dental Educational Council of America $2000.00, payable $500.00 immediately, $500.00 in six months, and the remainder to be paid prior to January 1, 1920.

Seconded and carried.

Dr. Hartzell offered the following resolution, which was adopted:

RESOLVED, That a letter of appreciation and thanks, signed by the President and Secretary of the National Dental Association, be sent to Dr. Emory A. Bryant in recognition of invaluable services rendered the officials of the Association in an advisory capacity.

The following members were named and recommended to the House of Delegates for election as members of the Scientific Foundation and Research Commission.

RESEARCH COMMISSION MEMBERS.

Weston A. Price, Cleveland, Ohio; Thomas P. Hinman, Atlanta, Ga.; L. L. Barber, Toledo; J. V. Conzett, Dubuque, Iowa, and Charles H. Oakman, Detroit, Mich., to serve for five years.

COMMITTEE ON TRANSPORTATION.

New members on the Committee on Transportation, J. A. Gorman, New Orleans, La., and others to serve as indicated. D. C. Bacon, '23, Chairman, 31 N. State St., Chicago, Ill.; J. A. Gorman, '22, New Orleans, La.; Jos. D. Eby, '21, Atlanta, Ga.; Roscoe A. Day, '20, 1225 Washington St., Oakland, Cal.; John J. Welker, '19, 1142 Ohio Bldg., Toledo, Ohio.

RELIEF FUND COMMITTEE.

Committee on National Relief Fund, Edward S. Gaylord, Chairman, New Haven, Connecticut; L. G. Noel, Nashville, Tennessee; William T. Chambers, Denver, Colorado, and James McManus, Hartford, Connecticut.

JOURNAL COMMITTEE.

Journal Committee, Otto U. King, H. J. Burkhart, Thomas P. Hinman, and Thomas B. Hartzell.

AD INTERIM COMMITTEE.

Ad Interim Committee, C. Victor Vignes, Otto U. King, Thomas P. Hinman, H. J. Burkhart, and Thomas B. Hartzell.

NOMINATION TREASURER.

BURKHART MOVED that Arthur R. Melendy, Knoxville, Tennessee, be renominated to succeed himself as Treasurer.

Seconded and carried.

DR. BURKHART MOVED that a testimonial be presented to Colonel William H. G. Logan in lieu of an amount of compensation for expenses incurred as President.

Seconded and carried.

DR. BURKHART MOVED that the incoming President and Secretary be directed to express on behalf of the National Dental Association to the Secretary of War and the Surgeon-General of the Army, the appreciation of the services of Colonel William H. G. Logan as executive head of dental activities in the War Department for the splendid organization he has perfected.

Seconded and carried.

IT WAS MOVED and seconded that the Committee on Ways and Means be discontinued, with the thanks to the members of the committee for the work accomplished by them, owing to the fact that this committee has served its purpose. Carried.

JUDICIAL COUNCIL.

The following were recommended for election to the House of Delegates as members of the Judicial Council:

C. R. Lawrence, Enid, Oklahoma; Otto U. King, Secretary, Chicago, Illinois; A. R. Cooke, Syracuse, New York; Albert L. Midgley, Providence, Rhode Island; Herman A. Maves, Minneapolis, Minnesota, and C. M. Kennedy, Des Moines, Iowa.

DENTAL EDUCATION.

On the Committee on Dental Education, J. P. Harper, to serve for five years.

ON MOTION, the Board of Trustees then adjourned to meet at 10:30 A. M., Friday, August 9.

PHARMACOPEIAL.

M. F. Finley, Chairman, Washington, D. C.
Herman Prinz, Philadelphia, Pa.
Joseph Head, Philadelphia, Pa.

PRECIOUS METALS.

*Thomas P. Hinman, Atlanta, Ga., Chairman; Chas. F. Ash, 115 Broadway New York City; Weston A. Price, 8803 Euclid Ave., Cleveland, Ohio; F. E. Roach, 59 E. Madison, Chicago, Ill.; Emory A. Bryant, The Burlington, Washington, D. C.

NATIONAL BOARD OF DENTAL EXAMINERS FOR THE UNITED STATES.

Wm. H. G. Logan, Chairman, Chicago, Ill.

AUGUST 9.—FIFTH SESSION.

The Board of Trustees met at 10:30 A. M. and was called to order by President Logan.

There were present Dr. Grieves, Ward, Boardman, Burkhart, King, Vignes, Hinman, and Hartzell.

The minutes of the previous session were read and approved.

H. E. Friesell presented the following communication with reference to the publication of an "Index of Dental Literature."

With the advancement of dentistry, it is becoming more and more apparent that progress is being held back on account of the lack of a proper index to the literature of dentistry. An index is especially needed by The Journal of the National Dental Association, by the Research Institute and the Dental Colleges, to say nothing of its need by the profession generally.

During the past ten years much progress has been made in the classification and indexing of articles in dental journals, and at the present time about 75,000 articles have been indexed. It is now a question of publication.

At the last meeting of the American

*Clarence J. Grieves was appointed and resigned and Dr. Hinman was appointed to fill the vacancy.

Institute of Dental Teachers a plan for publication was formulated by which the schools assumed the bulk of the expense. In view of the fact that the National Dental Association needs such an index for both The Journal and the Research Institute, it seems only fair that the Association should share some part of the expense.

There is now nearly ready for publication an "Index of Literature" for the period from 1911 to 1916 inclusive. This covers practically all dental journal publications in English; three British journals, two Canadian journals, two Australian journals, one New Zealand journal in addition to those published in the United States.

It is estimated that the cost of publishing this index, covering six years will amount to $5,000.00. Of this sum about $3500.00 has been subscribed or guaranteed by the colleges. The estimated cost is for the services of a cataloguer, the typewriting necessary for preparing the copy for the printer, and publishing.

The work is being directed by Arthur D. Black, who has not only contributed his services but has also furnished a room with typewriter and other facilities without charge.

The proposed plan contemplates the publishing of five or ten years backward and one year forward each year so that within six or seven years there can be published a complete index of the literature.

The National Dental Association is requested to guarantee $1500.00 of this fund for the current publication. This guarantee is asked for with the understanding that if only a part of it will be needed, the Association will be called on for its pro rata share of the guarantees made by dental colleges and the Association. It is expected that there will be a sale to individuals for at least three or four hundred copies at $5.00 each, and the amount received from such sales will proportionately reduce the amount to be paid by both the colleges and the National Dental Association.

All finances in connection with the publishing are being handled by a Committee of the American Institute of Dental Teachers, of which Abram Hoffman, of Buffalo, is Chairman.

IT WAS MOVED that the subject matter presented by Dr. Friesell be referred to the Committee on Dental Education, with instructions to formulate some definite plan and report back to the Board of Trustees at a future meeting.

Seconded and carried.

C. R. Lawrence, Oklahoma, presented the following report:

To the Board of Trustees of the National Dental Association:

The regular appointed Mouth Hygiene and Public Service Committee desires to report that it has very carefully examined the book written by Dr. Maude Tanner, entitled "Billy Forget-Me-Not," and earnestly recommend its acceptance and adoption by the National Dental Association.

Inasmuch as a few slight changes are to be made in the text of the book, and the further reason that important business matters pertain to the transference of title and ownership, also the matter of compensation, etc., we respectfully recommended that either this committee be continued or a new committee be appointed to carry out to a successful conclusion this very important transaction.

(Signed)

BURTON LEE THORPE,
C. H. OAKMAN,
W. G. EBERSOLE,
L. G. MITCHELL.

Mouth Hygiene and Public Service Committee.

IT WAS MOVED that the Board of Trustees recommended to the House of Delegates that it is unwise for the National Dental Association either to endorse or to engage in the publication of text books at this time.

Seconded and carried.

Burton Lee Thorpe presented a communication from H. Everton Hosley offering to contribute the sum of $1,000.00 towards propaganda on the proper treatment of the mouth.

DR. BURKHART MOVED that the National Dental Association is unable at

this time to accept any donations of money, altho this tender is greatly appreciated, and that the Secretary be instructed to write Dr. Hosley of the action taken.

Seconded and carried.

The following communication was presented by Dr. Burkhart, and it was recommended by the Board of Trustees to the House of Delegates that it be transmitted to the War Industries Board. Washington, D. C.:

The National Dental Association, a body composed of over 20,000 dentists, now in session, respectfully calls your attention to the danger to public health by placing dentifrices on the non-essential list.

In this day of recognition of the value of preventive medicine, it is accepted by dentistry, medicine and boards of health, that a clean mouth is one of the essentials to prevent the carrying of contagious disease. To preserve a proper sanitary condition of the mouth, the use of a suitable brush and dentifrice is required.

Recognizing this fact, the National Dental Association recommends that tooth brushes and dentifrices alike be placed on the essential list of products for the winning of the war. Furthermore that each soldier shall be supplied with a tooth brush and dentifrice issued to him with his equipment, and from time to time be supplied with an additional equipment of this character.

Seconded and carried.

In compliance with the instructions of the House of Delegates, the Board of Trustees desire to nominate for the National Board of Dental Examiners of the United States, Colonel William H. G. Logan as Chairman, with power to select the other four members of the board, subject to the approval of the Board of Trustees.

Seconded and carried.

IT WAS MOVED that the Secretary be instructed to write a letter of thanks to the Rev. A. H. W. Anderson, to the managers of the Auditorium and Congress Hotels, to the Lincoln Park Board of Commissioners, to the South Park Commissioners, to the City Hall, to Lyon and Healy, to Senator William E. Borah, for their courtesies and kindness in contributing towards the success of the meeting.

Seconded and carried.

The minutes of this session were then read and approved.

ON MOTION of Dr. Boardman, the Board of Trustees then adjourned **sine die.**

JOINT MEETING OF THE BOARD OF TRUSTEES OF THE NATIONAL DENTAL ASSOCIATION WITH THE SCIENTIFIC FOUNDATION AND RESEARCH COMMISSION.

The Board of Trustees and the Research Commission met in joint session, August 6, 1918, at 1 P. M. and was called to order by Dr. Weston A. Price, Cleveland, Ohio.

There were present Drs. C. Victor Vignes, Otto U. King, Louis Meisburger, S. P. Cameron, Donald M. Gallie, Homer C. Brown, Thomas B. Hartzell, J. M. Murphy, H. J. Burkhart, Charles C. Allen, F. O. Hetrick, Marcus L. Ward, Norman I. Broomell, R. H. Volland, John V. Conzett, Thomas P. Hinman, Eugene R. Warner, Waldo E. Boardman, Clarence J. Grieves, C. L. White, Ludwig Hektoen, Winford P. Larson, Samuel E. Pond, and Katherine R. Collins.

The Chairman asked Dr. King whether the minutes of the previous meeting had been approved.

Dr. King replied that they had been approved by the Board of Trustees but not by the Scientific Foundation and Research Commission.

Dr. Conzett moved that the reading of minutes be dispensed with.

Seconded and carried.

Dr. Ludwig Hektoen, Chicago, gave his observations and impressions of a visit to the Research Institute at Cleveland, stating that he had looked over the Institute, talked with the people there and with those concerned in its management, and on the whole received a very good impression.

Numerous questions were asked by members of the Commission and the Board of Trustees regarding equipment, methods of research, and so on, which were answered by Dr. Hektoen.

Dr. Winford P. Larson, of Minneapolis, was introduced and spoke on the experimental work and bacteriological investigations that were being made at the University of Minnesota; also on the improvement of vaccine methods in treating mouth infections.

Professor Samuel E. Pond and Dr. Katherine R. Collins, of Cleveland, spoke of the importance of securing greater co-operation and better facilities for conducting scientific and research work.

The Chairman stated that the trustees of the Institute had authorized a budget of $20,000.00 for the coming year. The plans for the Institute required $16,000.00 for the work of the departments. The trustees had voted $4,000.00 available as an income from the Institute to be expended on grants.

After considerable discussion, Dr. Meisburger moved that Dr. Hartzell be granted $4,000.00 a year for carrying on research work.

Seconded by Dr. Conzett and carried.

Dr. Hinman said it was his understanding that there was $20,000.00 available If the Institute was to get $16,000.00 and $4,000.00 was to go to Dr. Hartzell, there would not be enough money for any other grants. For instance, certain grants had been fostered—a grant to Dr. Gies, a grant to Dr. McKay, and a grant to Dr. Ward of the University of Michigan, etc. He asked the Chairman if any money could be spared from this $16,000.00.

The Chairman replied that it was difficult to get a staff to put in full time and do efficient work without paying them good salaries.

Dr. Hinman moved that $16,000.00 be appropriated for the work of the Institute. Motion seconded.

Dr. Brown asked whether there was any method whereby any additional funds could be secured to continue the grants that had been provided for these various men.

The Chairman said it was possible to interest people in this work, and there was some money to come in in addition to what was expected from the laity. Possibly this year an additional grant would be made because of the getting of an additional fund. If such a condition should obtain, it was within the jurisdiction of the Trustees of the Institute to make additional grants.

Dr. Brown said he wanted the matter put in such a way that in the event it was possible for the grants to be continued, the trustees could be authorized to continue the grants, provided that additional funds could be secured.

He would like to offer that as an amendment to the motion of Dr. Hinman.

The amendment was seconded, accepted, and the original motion, as amended, was put and carried.

On motion of Dr. Hinman, the meeting adjourned.

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Alexander, Lon, 1st Lt., Ragland, Ala.
Cannon, Claude C., 1st Lt., Fayette, Ala.
Clayton, William Clinton, 1st Lt., Pinson, Ala.
Dillon, Leo Boggan, 1st Lt., 311 Woodward Bldg., Birmingham, Ala.
Ferrell, George Archer, 1st Lt., Eufaula, Ala.
Franklin, Alfred Kenneth, 1st Lt., Birmingham, Ala.
Fuller, John A., 1st Lt., Selma, Ala.
Greene, Charles Alexander, 1st Lt., % Birmingham Athletic Club, Birmingham, Ala.
Hand, Thomas Elihu, 1st Lt., Milltown, Ala.
Hardwick, Charles Fred, 1st Lt., Headland, Ala.
House, Richard Levis, 1st Lt., P. O. Box 535, Anniston, Ala.
Lanier, William Dickson, Jr., 1st Lt., 729-30 1st Nat'l Bank Bldg., Birmingham, Ala.
McDonald, John Fornie, 1st Lt., 720 N. 22d St., Birmingham, Ala.
Maxwell, Vaughn Leon, 1st Lt., McWilliams, Ala.
Merrill, William Garnett, 1st Lt., Talladega, Ala.
Monette, Robert John, 1st Lt., 737 1st Nat'l Bank Bldg., Birmingham, Ala.
O'Quinn, William L., 1st Lt., Anniston, Ala.
Price, Wood, 1st Lt., Bessemer, Ala.
Reynolds, John Andrew, 1st Lt., Camp Hill, Ala.
Rodgers, Albert Luther, 1st Lt., Athens, Ala.
Selden, Joseph Luther, 1st Lt., Faunsdale, Ala.
Simpson, Henry Grady, 1st Lt., Lincoln, Ala.
Stacey, James Hilliard, Capt., Skinnerton, Ala.
Trafford, Harry Morton, Capt., 412-13 Bill Bldg., Montgomery, Ala.
Walker, Oscar Thomas, 1st Lt., Cuba, Ala.
White, James Linn, 1st Lt., Florence, Ala.
Wood, William Andrew, 1st Lt., Grand Bay, Ala.
Yarbough, Benjamin Thomas, 1st Lt., 16½ Dexter Ave., Montgomery, Ala.

ARIZONA

Braxton, Henry Howland, Capt., 302 Goodrich Bldg., Phoenix, Ariz.
Lindsay, Jasper Leonard, 1st Lt., Globe, Ariz.
McGuire, Eugene, 1st Lt., 51 W. Holly St., Phoenix, Ariz.
Merritt, Milfred Isaac, Capt., 1137 11th St., Douglas, Ariz.
Snipes, Charles L., 1st Lt., Box 1465, Jerome, Ariz.

*Official list furnished by War Department—Surgeon General's Office.

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Amis, Charles Boothe, Capt., Arkadelphia, Ark.
Coffman, Troy, 1st Lt., Harrison, Ark.
Croom, Grover Cleveland, 1st Lt., Newark, Ark.
Edwards, Tasso Milton, 1st Lt., Bald Knob, Ark.
Enbanks, Henry G., 1st Lt., Helena, Ark.
Farmer, Barnie E., 1st Lt., Paragould, Ark.
Finch, William Oscar, 1st Lt., Jonesboro, Ark.
Grover, Jay Lawrence, 1st Lt., Batesville, Ark.
Haskin, Jay Ross, 1st Lt., 205 N. 21 St., Ft. Smith, Ark.
Houston, James Hollis, 1st Lt., Hot Springs, Ark.
Howton, Lonzo, 1st Lt., Osceola, Ark.
Johnson, Frank Cecil, 1st Lt., Paragould, Ark., Box 54.
Leathers, Homer LaCompton, 1st Lt., Green Forest, Ark.
Mason, James Pat Dyer, 1st Lt., Greenwood, Ark.
Mattice, Harold William, 1st Lt., 423½ Cherry St., Helena, Ark.
Mills, Max Manning, 1st Lt., Pella, Iowa.
Neel, Morton Andrew, 1st Lt., Hazen, Ark.
Roberts, Clarence Cleveland, 1st Lt., Clinton, Ark.
Scoggins, Jess Walker, 1st Lt., Amity, Ark.
Smith, Charles Thurman, 1st Lt., Reyno, Ark.
Tucker, Lloyd Earl, 1st Lt., Monette, Ark.

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Anderson, Harold, 1st Lt., 918 Oak St., Oakland, Cal.
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Armistead, John Oliver, 1st Lt., Newman, Cal.
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Barnum, William Gordon, 1st Lt., 408 Hudson St., Oakland, Cal.
Barr, Arthur, 1st Lt., 591 4th St., San Rafael, Cal.
Baumgardner, Earl Wilbur, 1st Lt., Watsonville, Cal.
Bessemyer, Noah Louis, 1st Lt., 1407 N. Wilton Place, Hollywood, Los Angeles, Cal.
Beeson, Edward Ives, 1st Lt., P. O. Box 10, Healdsburg, Cal.

Belfils, John Augustus, 1st Lt., 1927 Mariposa, Fresno, Cal.

Benney, Clarence Ray, 1st Lt., R. F. D., No. 14, Los Angeles, Cal.

Bernstein, Alfred Emanuel, Capt., 435 65 St., Oakland, Cal.

Billings, Wall Marion, Capt., Cloverdale, Cal.

Blanquie, Raoul Hanry, 1st Lt., 1721 Sherman St., Alameda, Cal.

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Colvin, Ernest Fleming, 1st Lt., 1467 Willard St., San Francisco, Cal.

Conly, Thomas Walter, Capt., 310-12 Herves Bldg., San Francisco, Cal.

Cunha, James Alexander, 1st Lt., 555 11th Ave., San Francisco, Cal.

Curtis, George B., 1st Lt., 656 O'Farrell St., San Francisco, Cal.

Dennis, Frederick Pool, 1st Lt., 31 W. Main St., Alhambra, Cal.

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Giles, Clark Ransom, 1st Lt., 1963 Oak St., San Francisco, Cal.

Glazer, Maurice M., 1st Lt., 534 52d St., Oakland, Cal.

Glidden, Zalo Miles, 1st Lt., 504-5 Farmers & Merchants' Bank Bldg., Stockton, Cal.

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White, John Joseph, 1st Lt., 515 First Nat'l Bank Bldg., Oakland, Cal.

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Brusse, Archie B., 1st Lt., 725 Mack Bldg., Denver, Colo.

Bullard, George Arthur, Capt., Crest Hotel, Denver, Colo.

Canter, Edward Chapman, 1st Lt., 228 West 14th Ave., Denver, Colo.

Case, Maurice Alan, 1st Lt., 604 California Bldg., Denver, Colo.

Chafee, Glenn Robert, 1st Lt., 510-11 Grand Valley Bank Bldg., Grand Junction, Colo.

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Crawford, Harold V., 1st Lt., Golden, Colo.
Delbridge, William Hendricks, Jr., Capt., 202 Coronado Bldg., Greeley, Colo.
Glessner, Edmund Theodore, 1st Lt., 2520 Ash St., Denver, Colo.
Grannick, Theodore Dayton, Captain, 1144 Downing St., Denver, Colo.
Gunter, Newton Claiborne, 1st Lt., 614 Thatcher Bldg., Pueblo, Colo.
Harrington, Earl Vere, 1st Lt., 212 E. 8th St., Leadville, Colo.
Hughes, Richard Curran, Capt., 210 Coronado Bldg., Greeley, Colo.
King, Howard Price, 1st Lt., 3419 W. 23d Ave., Denver, Colo.
Lininger, Gilbert Ivan, 1st Lt., 1330 E. 18th Ave., Denver, Colo.
McBride, Robert Harvey, 1st Lt., 1728 Williams St., Denver, Colo.
McGee, Rea Proctor, Major, 605 Mack Bldg., Denver, Colo.
Pollard, Clayton Armstrong, 1st Lt., Mancos, Colo.
Rugg, John Elmer, 1st Lt., Haxtun, Colo.
Russell, Clark W., 1st Lt., 311 W. Warren, Cripple Creek, Colo.
Scogin, Clyde W., 1st Lt., Box 226, Brighton, Colo.
Smith, Eliot Wood, 1st Lt., 4031 Tejon St., Denver, Colo.
Smith, Robert Oscar, 1st Lt., 3427 W. 29th Ave., Denver, Colo.
Swartz, Spencer O., 1st Lt., Saguache, Colo.
Talhelm, Harry Byron, 1st Lt., 1953 Lincoln St., Denver, Colo.
Talpers, Herman, 1st Lt., 2273 Dexter St., Denver, Colo.
Taylor, Clyde L., 1st Lt., 1120 Harrison St., Denver, Colo.
Unfug, Adolph Arthur, 1st Lt., Walsenburg, Colo.
Whitaker, Lee Wales, 1st Lt., 620 Thatcher Bldg., Pueblo, Colo.
Whitson, Oscar LeRoy, Major, Elizabeth St., Pueblo, Colo., No. 2306.
Williams, James Craft, 1st Lt., Box 103, Fort Morgan, Colo.
Williams, Jonas Torrence, Jr., Capt., 2900 Lake Place, Denver, Colo.
Wilson, Harry Wellington, Capt., 832 Metropolitan Bldg., Denver, Colo.

CONNECTICUT

Bailey, Frank James, Capt., 248 Laurel St., Hartford, Conn.
Baker, David, 1st Lt., 391 Sherman Ave., New Haven, Conn.
Baldwin, Stanley Hanford, 1st Lt., 64 Wall St., Norwalk, Conn.
Beebe, Ira D., 1st Lt., 793 Norman St., Bridgeport, Conn.
Bragg, Vincent Elon Davis, 1st Lt., Bradford, Conn.
Bray, Joseph Aloysius, 1st Lt., 70 Sterling St., Hartford, Conn.
Brody, Herman, 1st Lt., 583 Main St., Ansonia, Conn.
Brown, George Cowles, 1st Lt., 54 Elmwood Place, Bridgeport, Conn.
Brownstein, Herman, 1st Lt., 620 George St., New Haven, Conn.
Buckley, Louis Edward, 1st Lt., 85 Garden St., Ansonia, Conn.
Burns, Hugh McKeller, 1st Lt., 112 Platt St., Ansonia, Conn.
Corrigan, Maurice, Daniel, 1st Lt., 69 River St., Stamford, Conn.
Cramer, William Laverty, 1st Lt., South Manchester, Conn.
Creegan, Joseph Michael, 1st Lt., 408 Shelton Ave., New Haven, Conn.
Cummings, Ernest, 1st Lt., Washington, Conn.
Davis, Harold Whitney, 1st Lt., Middletown, Conn.
Dobson, James F., 1st Lt., 29 Spring St., New Britain, Conn.
Faust, Bernard, 1st Lt., 55 Capitol Ave., Bridgeport, Conn.
Flynn, James Rexford, 1st Lt., 209 Lewis St., Bridgeport, Conn.
Herr, Frederick William, 1st Lt., 63 Bank St., Waterbury, Conn.
Kane, Howard Edward, 1st Lt., 5 Forest Ct., Meriden, Conn.
Keeler, Samuel, 1st Lt., 155 Washington St., South Norwalk, Conn.
King, Louis Robert, 1st Lt., 619 Congress Ave., New Haven, Conn.
Kluttig, Paul Oscar, 1st Lt., 60 Gaffney Place, Waterbury, Conn.
Krall, Michael, 1st Lt., 314 Orchard St., New Haven, Conn.
Larkin, William Edward, 1st Lt., Hope St., Springdale, Conn.
LeHoullier, Emerson John, 1st Lt., 6 New Park Ave., Hartford, Conn.
Lewis, Clifford Elbert, 1st Lt., 463 Coram Ave., Shelton, Conn.
Lindstedt, Théodore Kent, 1st Lt., 252 Milbank Ave., Greenwich, Conn.
Marshall, Frederick J., 1st Lt., N. Main St., Norwich, Conn.
Meaney, Vincent Timothy, 1st Lt., 89 Town Hill Ave., Danbury, Conn.
O'Hara, Mortimer A., 1st Lt., 491 Meadow St., Waterbury, Conn.
O'Mara, Daniel Thomas, 1st Lt., 316 Winthrop Ave., New Haven, Conn.
Prange, Charles Edward, 1st Lt., 33 Bank St., Stamford, Conn.
Quinlan, Harold Clement, 1st Lt., Meriden, Conn.
Reiman, Conrad Frederick, 1st Lt., 134 S. Cliff St., Ansonia, Conn.

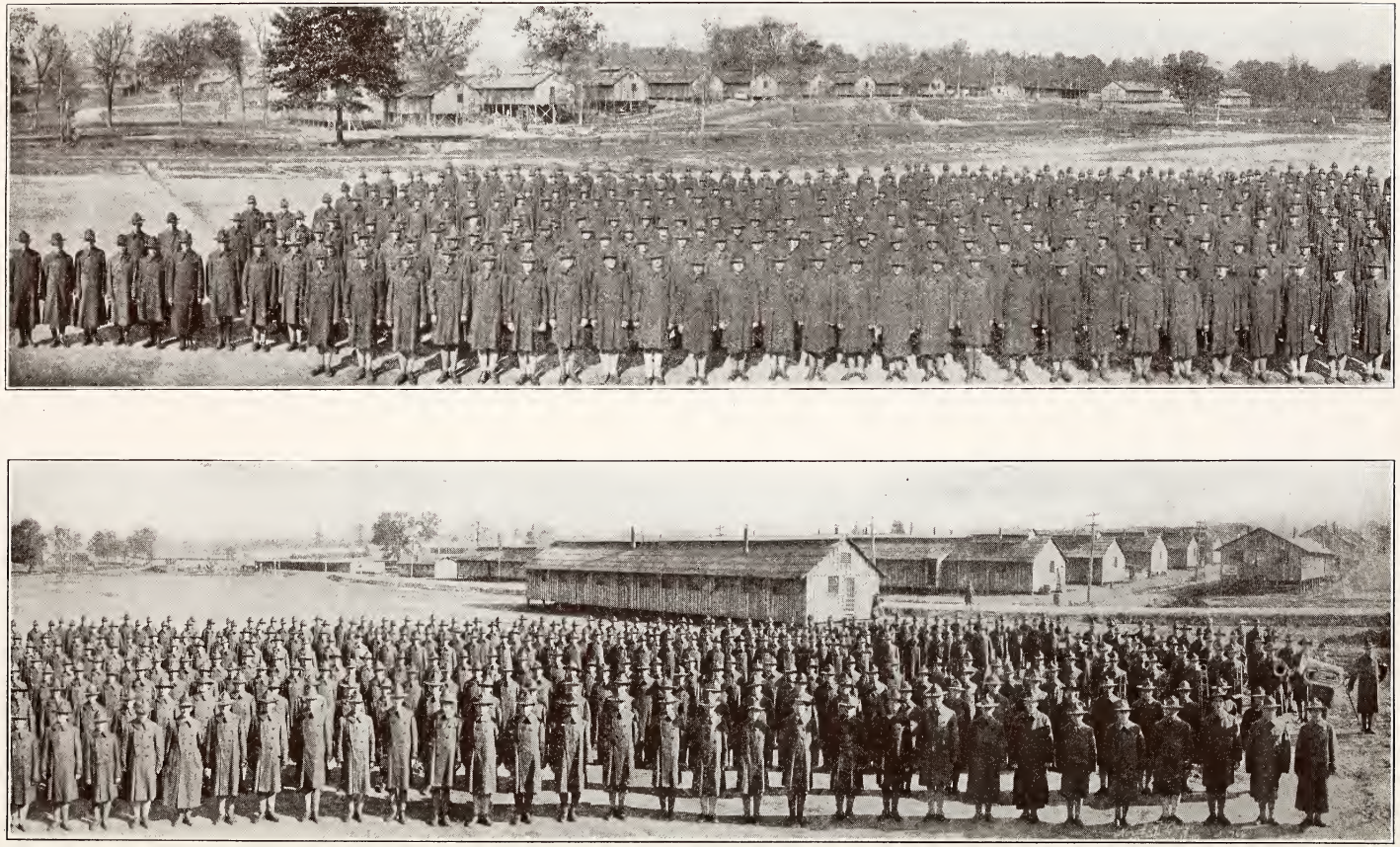
Reiser, Frank Arno, 1st Lt., 27 Mountain St., Rockville, Conn.
Riley, George Henry, 1st Lt., 368 Sherman Ave., New Haven, Conn.
Russell, John Norman, 1st Lt., 103 Linsley Ave., Meriden, Conn.
Ryan, William Henry, 1st Lt., 772 Washington Ave., Bridgeport, Conn.
Sears, Blake Alfred, Capt., 847 Main St., Hartford, Conn.
Seere, George Notton, 1st Lt., 166 White St., Danbury, Conn.
Smullens, William James, 1st Lt., Norwich, Conn.
Stanio, James Nicholas, 1st Lt., 79 Fairview Ave., West Haven, Conn.
Stone, Harold Adelbert, Capt., Y. M. C. A., Greenwich, Conn.
Tiesing, Herbert E. F., 1st Lt., 1 Lincoln Heights, Willimantic, Conn.
Webster, Douglas, 1st Lt., 132 Clinton St., Waterbury, Conn.
West, Henry George, 1st Lt., 817 Chapel St., New Haven, Conn.
Williams, Robert James, 1st Lt., Riverside Ave., Westport, Conn.
Williams, William George, 1st Lt., Stamford, Conn.
Witz, Louis, 1st Lt., 517 Orange St., New Haven, Conn.
Wynn, James Francis, 1st Lt., 33 Plattsville Ave., Norwalk, Conn.

DELAWARE

Brown, John Draper, 1st Lt., 1004 N. Adams St., Wilmington, Del.
Flood, John Anthony, 1st Lt., 318 Concord Ave., Wilmington, Del.
Gluckman, Louis David, 1st Lt., Wilmington, Del.
Greenstein, Morris, 1st Lt., 13 E. Glind St., Wilmington, Del.
Price, Robert Emmett, 1st Lt., Marlboro Apts., Wilmington, Del.
Speakman, William Cyrus, Major, Wilmington, Del.

GEORGIA

Archer, Isaac Holmes, Capt., Wrightsville, Ga.
Bacon, John Gibson, 1st Lt., Stephens, Ga.
Bledsoe, Harry Thomas, Capt., Carrollton, Ga.
Boykin, Mathew Andrew, Capt., Thomasville, Ga.
Burney, William (Colored), 1st Lt., 23 Boaz St., Atlanta, Ga.
Chesnutt, Owen Lee, Capt., Biltmore Apts., Macon, Ga.
Clarke, William Augustus, 1st Lt., 267 Dougherty St., Athens, Ga.
Cook, Herman Walker, 1st Lt., 77 Lawton St., Atlanta, Ga.
Crenshaw, Thomas, Jr., 1st Lt., 619 Grant Bldg., Atlanta, Ga.
Day, Milligan Edward, 1st Lt., Buena Vista, Ga.
Dennison, Thomas Donald, 1st Lt., 20 Durant Place, Atlanta, Ga.
Dooley, Richard Andrew, 1st Lt., 408 West 41st St., Savannah, Ga.
Dowdell, Crawford Bertus, (Colored), 1st Lt., 403 East Pine St., Fitzgerald, Ga.
Eby, Joseph Davis, Major, 509 4th Nat'l Bank Bldg., Atlanta, Ga.
Enloe, Alfred, 1st Lt., Pelham, Ga.
Exley, Robert Joseph, 1st Lt., 1½ Bull St., Savannah, Ga.
Faggart, Harold Littleton, 1st Lt., Sylvania, Ga.
Fussell, George Egbert, 1st Lt., Fitzgerald, Ga.
Game, Josiah Bothea, Jr., 1st Lt., 815 Grant Bldg., Atlanta, Ga.
Gates, Paul Green, 1st Lt., 574 Cherry St., Macon, Ga.
Geffoken, William Gorden, 1st Lt., 320 East 31st St., Savannah, Ga.
Gilbert, James Marion, 1st Lt., Tennille, Ga.
Heard, Joseph Garrett, Jr., 1st Lt., 1219 Piedmont Ave., Atlanta, Ga.
Hall, James Fred, 1st Lt., Gordon, Ga.
Harding, Aaron Speer, 1st Lt., Cave Springs, Ga.
Helton, James Bertram, 1st Lt., Toomsboro, Ga.
Holliman, David Perry, 1st Lt., Unadilla, Ga.
Hornsby, Thomas Lafayette, 1st Lt., 21 Whitehall Terrace, Atlanta, Ga.
Houston, George Russell, 1st Lt., 4th Repl Regt., Camp Gordon, Atlanta, Ga.
Jackson, Miguel Wise, Capt., 1315 2nd Ave., Columbus, Ga.
Jackson, Robert Lee, 1st Lt., Savannah, Ga.
Johnson, James Elmer, Capt., Box Springs, Ga.
Jones, Claude Everette, 1st Lt., 96 Bryan St., Atlanta, Ga.
Lafitte, Edward Francis, Capt., 228 St. Charles Ave., Atlanta, Ga.
Lambert, Herman James, 1st Lt., Quitman, Ga.
Lee, George Rozier, 1st Lt., Cadwell, Ga.
McDonald, Otis Henry, 1st Lt., 532-33 Strickland Bldg., Valdosta, Ga.
McGee, Paul Kennedy, Captain, 25 Gilmore St., Waycross, Ga.
Maxwell, Reginald, 1st Lt., Augusta, Ga.
Miller, William Harold, 1st Lt., Macon, Ga.
Mizell, James Gordon, 1st Lt., Atlanta, Ga.
Osborne, Joseph Derry, 1st Lt., 765 Peachtree St., Atlanta, Ga.
Pain, Henry Gower, 1st Lt., 79 Forrest Ave., Atlanta, Ga.
Payne, Hope Harvey, 1st Lt., 95 Capital Square, Atlanta, Ga.
Plaxco, John Shelby, 1st Lt., 714-16 Grant Bldg., Atlanta, Ga.
Rambo, Samuel Lennox, 1st Lt., Marietta, Ga.
Reeves, Hoyt Judson, 1st Lt., Commerce, Ga.
Respess, Eugene Roy, 1st Lt., Macon, Ga.
Shields, Idus Wall, Capt., Thompson, Ga.
Smith, Robert W., 1st Lt., Ellijay, Ga.
Sipple, Julius Ward, 1st Lt., 203 W. Liberty St., Savannah, Ga.



DENTAL CO. NO. 1, CAMP GREENLEAF, GA., NOV. 2, 1918, MAJOR GEO. R. TRESSEL, COMMANDING.

Suggs, Forrest DeWitt, Capt., Breman, Ga.
Sullivan, Palmer John, 1st Lt., 521 E. Waldburg St., Savannah, Ga.
Thornton, Bernard R., 1st Lt., Greenville, Ga.
Thomas, Pendelton Jones, 1st Lt., Thomasboro, Ga.
Todd, Benjamin Bryant, Capt., 166 Sinclair Ave., Atlanta, Ga.
Vinson, Tillie D., 1st Lt., 57 Ponders Ave., Atlanta, Ga.
Walker, George Edward, Capt., 929 Broad St., Augusta, Ga.
Wall, W. Chester, 1st Lt., 100 N. Butler St., Atlanta, Ga.
Wallace, Witherspoon, 1st Lt., 53 McLendon St., Atlanta, Ga.
Wells, Robert Fletcher, 1st Lt., Stone Mountain, Ga.
Wheeler, Matt Hubert, 1st Lt., Americus, Ga.
Whitehead, Ernest Pace, 1st Lt., Vienna, Ga.
Young, James William, 1st Lt., Cedartown, Ga.

FLORIDA

Alsobrook, Kyle Bonar, 1st Lt., Y. M. C. A., Tampa, Fla.
Bishop, Isaac Oliver, Jr., 1st Lt., Aucilla, Fla.
Bosse, Herman J., 1st Lt., Orlando, Fla.
Campbell, Joel Tillman, 1st Lt., Largo, Fla.
Carver, Henry C., 1st Lt., Alachua, Fla.
Clickener, William R., 1st Lt., Lake Wales, Fla.
Evans, Lynwood, Capt., 1630 Walnut St., Jacksonville, Fla.
Farmer, Frampton Wyman, 1st Lt., 120 Beaver St., Jacksonville, Fla.
Fogarty, Charles Bernard, 1st Lt., Key West, Fla.
Grace, Russell Lowell, 1st Lt., Graceville, Fla.
Hammons, Robert Walter, 1st Lt., Miami, Fla.
Hart, Robert Lee, Capt., 904 25th Ave., Tampa, Fla.
Ingram, Harold P., 1st Lt., Umatilla, Fla.
Izlar, Marion Carlisle, 1st Lt., Box 386, Ocala, Fla.
Kartack, Edwin Arthur, 1st Lt., Sarasota, Fla.
King, Joseph Solomon, 1st Lt., Marianna, Fla.
Lightsey, Thomas Warren, 1st Lt., 1722¼ 7th Ave., Tampa, Fla.
Lytle, Carl Adalbert, 1st Lt., West Palm Beach, Fla.
McCarthur, William David, 1st Lt., 1029 Reid St., Lake Charles, La.
McLeod, Walter Gay, 1st Lt., Apopka, Fla.
Oglesby, Ewing Morrow, 1st Lt., Bartow, Fla.
Reed, Robert Edward, 1st Lt., Tampa, Fla.
Rosenthal, Victor Morris, 1st Lt., 1516 Tampa St., Tampa, Fla.
Shephard, Grover Cleveland, 1st Lt., Ocala, Fla.
Simpson, James William, Capt., Kissimer, Fla.
Stuart, Stanton Alexander, 1st Lt., 519 S. Ridgewood Ave., Daytona, Fla.
Swindal, Columbus Harrison, 1st Lt., Miami, Fla.
Thompson, Ralph Wilkes, 1st Lt., 17 S. 6th St., St. Petersburg, Fla.
Tyler, Jesse M., 1st Lt., 1664 Post St., Jacksonville, Fla.
Waldo, George Selden Fisher, 1st Lt., Gainesville, Fla.
Weeks, Clarke Bankston, Capt., Palmetto, Fla.
Weldon, Ernest Wesley, 1st Lt., Live Oak, Fla.
Williams, William Brown, 1st Lt., Pensacola, Fla.
Wilson, Robin C., 1st Lt., Tampa, Fla.
Wyatt, Robert F., 1st Lt., Clearwater, Fla.
Yearwood, Cale Wack, 1st Lt., Plant City, Fla.
York, Fred Miller, 1st Lt., Live Oak, Fla.

IDAHO

Anderson, Carl Ivan, 1st Lt., Emmett, Idaho.
Barker, George A. W., 1st Lt., St. Maries, Idaho.
Bennett, Joseph Edgar, 1st Lt., Idaho Falls, Idaho.
DeCamp, Floyd Hermal, 1st Lt., St. Anthony, Idaho.
Gallagher, George Lemon, Capt., Pocatello, Idaho.
Greer, R. Jay, 1st Lt., Wallace, Idaho.
Kimball, John Augustus, 1st Lt., Changnon Bldg., Idaho Falls, Idaho.
Moon, Travis Lee, 1st Lt., Wallace, Idaho.
Moreton, LeRoy J., 1st Lt., St. Anthony, Idaho.
Sharpless, Denn Henry, 1st Lt., 213 Cypress St., Wallace, Idaho.

ILLINOIS

Abbott, Gordon Matthew, 1st Lt., 51 Main St., St. Charles, Ill.
Adkins, Robert Alfred, Capt., Elgin, Ill.
Aison, Emil Louis, Capt., 209 Kilburn Ave., Rockford, Ill.
Allen, Thomas Rexford, 1st Lt., 1747 W. Harrison St., Chicago, Ill.
Anderson, Alfred George, 1st Lt., 9725 Exchange Ave., Chicago, Ill.
Andrews, Van, 1st Lt., Ramsey, Ill.
Anflemire, Raymond Lee, Capt., 4435 N. Racine Ave., Chicago, Ill.
App, James Edward, 1st Lt., 716 W. Harrison St., Chicago, Ill.
Arganbright, Ned Arlo, 1st Lt., 179 Galena St., Freeport, Ill.
Aronberg, Albert Michael, 1st Lt., 4729 Indiana Ave., Chicago, Ill.
Babcock, William, 1st Lt., Harvard, Ill.
Bachman, Harry Paulus, Major, Decatur, Ill.
Baird, William Glen, 1st Lt., Table Grove, Ill.
Baldwin, Lawrence Clifford, 1st Lt., Hardinsville, Ill.
Baughman, Herrick Allen, 1st Lt., Farina, Ill.
Bell, Roscoe Clinton, 1st Lt., Mt. Carmel, Ill.
Blase, Anthony, 1st Lt., 3100 Wentworth Ave., Chicago, Ill.
Blocher, Edgar Thomas, Capt., Canton, Ill.
Block, Martin M., Capt., 5343 Prairie Ave., Chicago, Ill.
Bokman, Arthur Frederich, 1st Lt., 9012 Exchange Ave., Chicago, Ill.

Booth, George Chester, 1st Lt., 3763 Wabash Ave., Chicago, Ill.

Bradbury, Marion Leslie, 1st Lt., Salem, Ill.

Bragg, Minter Kelly, 1st Lt., 1317 N. Dearborn St., Chicago, Ill.

Bray, William Jennings, 1st Lt., 5505 Glenwood Ave., Chicago, Ill.

Brett, Arno Lawrence, 1st Lt., 810 S. Austin Ave., Oak Park, Ill.

Brevig, Colbun H. H., 1st Lt., 2614 Logan Blvd., Chicago, Ill.

Brosman, Edward, 1st Lt., 900 S. Oak Park Ave., Oak Park, Ill.

Browne, Alexander Cecil, 1st Lt., 3435 Prairie Ave, Chicago, Ill.

Brewner, James Cyrus, 1st Lt., Sesser, Ill.

Buchner, John Ernest, 1st Lt., Ottawa, Ill.

Buckthorpe, Robert Reynolds, 1st Lt., 336 W. College Ave., Jacksonville, Ill.

Burkhart, Ralph, 1st Lt., Marion, Ill.

Burt, Holmes Clinton, 1st Lt., La Salle, Ill.

Butler, Earl James, 1st Lt., 215 Seminary Ave., Bloomington, Ill.

Capel, Robert James, 1st Lt., Harrisburg, Ill.

Carlin, Leo Francis, 1st Lt., Easton, Ill.

Carpenter, Charles Harold, 1st Lt., 212 Ashland Blvd., Chicago, Ill.

Cass, Clarence Herman, 1st Lt., 6700 Stony Island Ave., Chicago, Ill.

Cassell, Charles Leonard, 1st Lt., Decatur, Ill.

Cassidy, George Philip, 1st Lt., 1747 W. Harrison St., Chicago, Ill.

Cerney, James Carl, 1st Lt., 2643 S. Kolin Ave., Chicago, Ill.

Chappell, O. M., 1st Lt., 121 Hurdell Place, Elgin, Ill.

Chrisman, Edward Wesley, 1st Lt., Clay City, Ill.

Christiansen, Walter Peter, Capt., 2535 N. Springfield Ave., Chicago, Ill.

Chrt, Otto Thomas, 1st Lt., 5822 W. 22nd St., Cicero, Ill.

Clickener, William R., Capt., Morrisonville, Ill.

Clopper, Paul Wadsworth, 1st Lt., Chicago, Ill.

Clow, Lester Francis, Jr., 1st Lt., 2728 Sayre Ave., Chicago, Ill.

Coleman, James Wilmot, 1st Lt., Alton, Ill.

Collins, John Joseph, 1st Lt., 2411 Lincoln Ave., Chicago, Ill.

Collins, Thomas Martin, 1st Lt., Joliet, Ill.

Cooper, Frank L., Capt., Cairo, Ill.

Corlew, Jesse John, Capt., 1314 Main St., Mt. Vernon, Ill.

Cowan, Egbert Wesley Van D., 1st Lt., 3218 Lawrence Ave., Chicago, Ill.

Craig, George Alexander, 1st Lt., Granite City, Ill.

Cusick, William A., Jr., 1st Lt., 1440 Vincennes Ave., Chicago Heights, Ill.

Dains, Fred Wilson, Capt., Willisville, Ill.

Daniels, Leo Valentine, 1st Lt., Depue, Ill.

Davy, Oakley Bruce, Capt., Evanston, Ill.

Dean, Henry Trendley, 1st Lt., Weed River, Ill.

DeGrasse, Francios J. P., 1st Lt., 849 Barry Ave., Chicago, Ill.

Deist, Milzor William, 1st Lt., Oak Park, Ill.

Dill, Roger Lewis, 1st Lt., 203 North Gross St., Robinson, Ill.

Doktorsky, Philip Israel, 1st Lt., 2901 Walton St., Chicago, Ill.

Dolby, George Hugo, 1st Lt., 7428 Coles Ave., Chicago, Ill.

Donley, Frank Dearden, 1st Lt., 401 N. 4th Ave., Maywood, Ill.

Drew, Alfred James, 1st Lt., 7931 Muskegon Ave., Chicago, Ill.

Drummond, John Francis, 1st Lt., 4157 N. Roby St., Chicago, Ill.

Duncan, Clyde Emerson, Capt., Nat'l Bank Bldg., Marion, Ill.

Dush, Verna Roscoe, 1st Lt., West Salem, Ill.

Elslager, Hubert Harlan, 1st Lt., Decatur, Ill.

Evey, John Moses, 1st Lt., Monmouth, Ill.

Fehrenbacher, Frank J., 1st Lt., Plainfield, Ill.

Felcher, George Leonard, 1st Lt., 1039 Wilson Ave., Chicago, Ill.

Fellenstein, Matthew Jacob, 1st Lt., Grand Chain, Ill.

Fellows, David McCurdy, 1st Lt., 5 S. Wabash Ave., Chicago, Ill.

Ferguson, James Walter, Capt., Marion, Ill.

Fink, Herman Reuben, 1st Lt., 2223 W. Iowa, Chicago, Ill.

Fink, LeRoy Matthew, 1st Lt., Edwardsville, Ill.

Finn, William Selby, 1st Lt., 9439 Burnside Ave., Chicago, Ill.

Ford, James W., Jr., 1st Lt., 4458 Washington Blvd., Chicago, Ill.

Freeman, Charles West, Captain, 25 E. Washington St., Chicago, Ill.

French, Stephen Frank, 1st Lt., 4433 West End Ave., Chicago, Ill.

Fried, Isadore Alex, 1st Lt., 1506 S. Hamlin Ave., Chicago, Ill.

Frost, George Nathaniel, Capt., 1122 Ashland Blvd., Chicago, Ill.

Fullenwider, Harlan D., 1st Lt., Mechanicsburg, Ill.

Gale, Frank Willis, Capt., 317 S. Brainerd Ave., La Grange, Ill.

Gallagher, John Connel, Capt., The Greenwood Inn, Evanston, Ill.

Gallie, Donald Muirhead, Capt., 1115 Elmwood Ave., Wilmette, Ill.

Gallagher, Edward Thomas, 1st Lt., Alton, Ill.

Garriott, John Preston, Major, Chicago, Ill.

Gentry, Grant Claybourne, Capt., Mt. Carmel, Ill.

Ginsberg, Samuel Joseph, 1st Lt., 1342 Independence Blvd., Chicago, Ill.

Greer, Emory Abraham, 1st Lt., New Baden, Ill.

Grimson, John Steingrimson, 1st Lt., 7845 S. Morgan St., Chicago, Ill.

Gurney, Edward Brower, 1st Lt., 308 4th Avenue, Joliet, Ill.

Haines, Harlin E., 1st Lt., Bushnell, Ill.
Hamilton, Robert James, 1st Lt., 5262 W. Adams St., Chicago, Ill.
Harris, Jasper Earl, 1st Lt., 6225 Evans Ave., Chicago, Ill.
Hart, William Guy, 1st Lt., Fairfield, Ill.
Hatch, Charles Henry, 1st Lt., 3222 Ferdinand St., Chicago, Ill.
Heighway, John Clifford, 1st Lt., Lostant, Ill.
Heinz, Elmer Alvin, 1st Lt., Mt. Olive, Ill.
Helck, Solomon A., 1st Lt., Grayville, Ill.
Heller, John Frederick, 1st Lt., Des Plaines, Ill.
Henderson, Earl Neal, 1st Lt., Browns, Ill.
Henderson, Nile Ralph, 1st Lt., Browns, Ill.
Henn, Elmer J., 1st Lt., Brocton, Ill.
Hennis, Harry W., 1st Lt., Elmhurst, Ill.
Herzberg, Erwin F., 1st Lt., 5043 Forestville Ave., Chicago, Ill.
Heyduck, John Cecil, 1st Lt., 224 N. Pine St., Centralia, Ill.
Hoel, Roy C., 1st Lt., Olney, Ill.
Hogan, James Martin, 1st Lt., East St. Louis, Ill.
Holland, Carl Martin, Capt., 1216a N. Dearborn St., Chicago, Ill.
Holm, Harold Andrew, 1st Lt., 2615 N. Sacramento Ave., Chicago, Ill.
Howe, Robert Smiley, 1st Lt., Peotone, Ill.
Howery, Benjamin Franklin, 1st Lt., Riverside, Ill.
Hughes, Benjamin William, 1st Lt., Harvey, Ill.
Hunsacker, Robert Earl, 1st Lt., Anna, Ill.
Hurdle, Orial Newton, 1st Lt., Mt. Sterling, Ill.
Hurt, Arthur Edward, 1st Lt., 4200 W. 21st Pl., Chicago, Ill.
Ihle, Chester, 1st Lt., 3934 Monroe St., Chicago, Ill.
Imber, William J., 1st Lt., 901 S. Ashland Blvd., Chicago, Ill.
Jacob, Lawrence Haines, Capt., 1142 Knoxville Ave., Peoria, Ill.
Jaffe, Aaron Arnold, 1st Lt., 418 S. 15th St., Mattoon, Ill.
Janicki, Charles Paul, 1st Lt., 1956 Armitage Ave., Chicago, Ill.
Johnson, James Andrew, Capt., Norris City, Ill.
Johnson, Robert Gibbs, (Colored), 1st Lt., 3348 Vernon Ave., Chicago, Ill.
Johnson, Walter William, 1st Lt., 1712 N. Francisco St., Chicago, Ill.
Johnston, Jay David, 1st Lt., 4709 Evans Ave., Chicago, Ill.
Jonas, Sam Theo., 1st Lt., 871 Rush St., Chicago, Ill.
Jones, Harry Reese, 1st Lt., 1449 N. Kildare Ave., Chicago, Ill.
Jones, Leon Arthur, 1st Lt., 4518 Colorado Ave., Chicago, Ill.
Kabiller, Sol A., 1st Lt., 1555 S. Spaulding Ave., Chicago, Ill.
Kane, Francis M., Capt., 1513 Belle St., Alton, Ill.
Karr, Ernest Cade, 1st Lt., Seymour, Ill.
Kellogg, John Sanford, 1st Lt., 1022 Dakin St., Chicago, Ill.
Keetlewell, Norman Lloyd, 1st Lt., 229 N. Cuyler Ave., Oak Park, Ill.
King, Benjamin Harrison, 1st Lt., 6928 N. Clark St., Chicago, Ill.
King, Elbert Watson, Capt., Geneseo, Ill.
King, Richard Earle, 1st Lt., 151 E. Main St., Galesburg, Ill.
Koch, Albert Ferdinand, 1st Lt., 2701 Washington Blvd., Chicago, Ill.
Koch, Harvey Henry, 1st Lt., 4851 N. Leevitt St., Chicago, Ill.
Koch, Lawrence N., 1st Lt., 2100 S. 50 Ave., Cicero, Ill.
Kogen, Louis Leonard, 1st Lt., 3436 Douglas Blvd., Chicago, Ill.
Kolar, Otto, 1st Lt., 1660 S. Millard Ave., Chicago, Ill.
Krejci, Edward John, 1st Lt., 109 S. Karlov Ave., Chicago, Ill.
Kulvinsky, Harry Harold, 1st Lt., 4514 Forrestville Ave., Chicago, Ill.
Ladue, Stanley B., 1st Lt., Prophetstown, Ill.
La Grow, Asa Joseph, 1st Lt., Oak Park, Ill.
Lambert, John Leslie, 1st Lt., Springfield, Ill.
Lane, Creighton Linford, 1st Lt., 1615 Marshall Field Annex, Chicago, Ill.
Lanzer, Paul Ernest, 1st Lt., Bloomer, Wis.
Laswell, James Luther, 1st Lt., Kinmundy, Ill.
Lawing, Ernest Ossian, Major, Riverside, Ill.
Leach, Floyd D., Capt., 4725 N. Drake Ave., Chicago, Ill.
Leggett, Richard Hayward, 1st Lt., 3136 Washington Blvd., Chicago, Ill.
Link, Alphonse, John, 1st Lt., 815 Newport Ave., Chicago, Ill.
List, Adam Earl, 1st Lt., Havana, Ill.
Liversay, George Monroe, 1st Lt., Richview, Ill.
Lyon, George John, 1st Lt., 5104 Konmore Ave., Chicago, Ill.
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McGilligan, Stanley Peter, 1st Lt., Shelbyville, Ill.
McKenzie, James Earl, 1st Lt., 5 S. Parkside Ave., Chicago, Ill.
McLean, Richard Warren, 1st Lt., Princeton, Ill.
Manosevitch, George Herman, 1st Lt., 6445 S. Green St., Chicago, Ill.
Massey, Robert R., 1st Lt., Granville, Ill.
Mathews, Stewart Amphion, 1st Lt., 2132 S. St Louis Ave., Chicago, Ill.
Mathison, Weger Emerson, Capt., Clifton, Ill.
Matthews, Harry William, 1st Lt., 652 Columbia St., Aurora, Ill.
May, Lewis Renwick, 1st Lt., 528 N. Main St., Savanna, Ill.

Means, Jay L., 1st Lt., 808 N. Logan St., Lincoln, Ill.

Meredith, Jesse L., Capt., 4038 North Keystone Ave., Chicago, Ill.

Metzner, Horace Edmund, 1st Lt., Ft. Sheridan, Ill.

Meyer, Fred Henry, 1st Lt., Gilman, Ill.

Miller, Clyde, 1st Lt., 2417 Prairie Ave., Mattoon, Ill.

Milstead, DeWilton Hewes, Capt., Murphy Bldg., East St. Louis, Ill.

Mooney, Merril Lloyd, 1st Lt., Morrisonville, Ill.

Morris, Doyle Bozeman, Capt., Carmi, Ill.

Moss, Zachariah W., 1st Lt., 214 Hirst St., Dixon, Ill.

Muzzy, Leo Boyden, Capt., Odell, Ill.

Nelson, Elmer G., 1st Lt., 221 S. Ashland Blvd., Chicago, Ill.

Nertney, Edward George, 1st Lt., La Salle, Ill.

Newton, Francis, 1st Lt., 3821 N. Clark St., Chicago, Ill.

Novy, Henry Newton, 1st Lt., 1411 S. Canal St., Chicago, Ill.

Ofner, Spencer E., 1st Lt., 5145 Prairie Ave., Chicago, Ill.

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Harrison, Albert Wagar, 1st Lt., Oran, Mo.

Hays, Floyd Avelin, 1st Lt., Branson, Mo.

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Huff, Claude Vincent, 1st Lt., Knob Noster, Mo.

Hunter, Durward Belmont, 1st Lt., Browning, Mo.

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Pendleton, Fayette Dudly, 1st Lt., Troy, Mo.
Pletcher, John W., 1st Lt., Pacific, Mo.
Quick, Henry C., 1st Lt., Rhineland, Mo.
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Sanders, Ernest Herden, 1st Lt., Deepwater, Mo.
Sanders, Lincoln E., 1st Lt., Poplar Bluff, Mo.
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Stephenson, Hugh Edward, 1st Lt., Columbia, Mo.
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Thorne, Carl Valoruse, 1st Lt., Mountain Grove, Mo.
Titterington, James, 1st Lt., Crocker, Mo.
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Westfall, George Salling, 1st Lt., Perry, Mo.
Wettstein, Clarence Frederick, 1st Lt., Trenton, Mo.
Whittle, Warren Stewart, 1st Lt., Columbia, Mo.
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Wilhite, Fielding Madison, Capt., Parents, Dalton, Mo.
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Wright, Lloyd Brew, 1st Lt., St. Louis, Mo.
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MONTANA

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Beal, Wilbur L., 1st Lt., Anaconda, Mont.
Burgess, John Ralph, 1st Lt., 605 N. Quartz, Butte, Mont.
Cowies, Hal Oliver, 1st Lt., Hinsdale, Mont.
Dratz, Ferdinand C., 1st Lt., Missoula, Mont.
Fearn, Harvey, 1st Lt., Forsyth, Mont.
Foster, Victor W., 1st Lt., Livingston, Mont.
Furie, Walter John, 1st Lt., Butte, Mont.
Grigg, Leon Allison, 1st Lt., 842 W. Galona St., Butte, Mont.
Iddings, Maurice H., 1st Lt., Big Sandy, Mont.
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Hauser, Walter Clyde, 1st Lt., 219 W. Salona St., Butte, Mont.
Kennedy, John Benton, 1st Lt., Virginia Apts., Butte, Mont.
Lindeberg, William Arthur, 1st Lt., Miles City, Mont.
McCauley, Daniel H., Jr., 1st Lt., Laurel, Mont.
McDaniels, Winfred Porter, 1st Lt., Medicine Lake, Mont.
MacDonald, Kenneth Donald, 1st Lt., Roundup, Mont.
Mockbee, James Barrett, 1st Lt., Missoula, Mont.
Regan, Thomas Patrick, 1st Lt., Helena, Mont.
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NEBRASKA

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Achenbach, Wm. H., 1st Lt., Nebraska City, Neb.
Aiken, Henry Locke, 1st Lt., Spencer, Neb.
Alldritt, Roscoe V., 1st Lt., 200 Canter Bldg., Lincoln, Neb.
Anderson, Milton Henry, Capt., 2208 "D" St., S. S., Omaha, Neb.
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Bellany, Joseph Dell, 1st Lt., Stratton, Neb.
Bennett, John Russell, 1st Lt., Pawnee City, Neb.
Boehler, George M., 1st Lt., Alma, Neb.
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Burton, Millard Upham, 1st Lt., Pawnee City, Neb.
Caldwell, Alfred Daniel, 1st Lt., Plattsmouth, Neb.
Carroll, George Patrick, 1st Lt., 517 City National Bank Bldg., Omaha, Neb.
Chamberlin, Lewis A., 1st Lt., Curtis, Neb.
Coulter, Victor Young, 1st Lt., Lincoln, Neb.
Crose, Reuben Brooks, 1st Lt., Butte, Mont.
Cullen, Joseph Aloysius, 1st Lt., Bloomington, Neb.
Davis, Charles Edward, 1st Lt., Oxford, Neb.
Devine, John Cartwell, 1st Lt., Randolph, Neb.
Eaton, Willard Henry, 1st Lt., Wisner, Neb.
English, Tom George, 1st Lt., Anselmo, Neb.
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Gipson, William Ray, 1st Lt., Fullerton, Neb.
Graf, Emil August, 1st Lt., Grand Island, Neb.
Greusel, Charles Stanley, 1st Lt., 327 N. 11th St., Lincoln, Neb.
Hansen, George Harold, 1st Lt., Hastings, Neb.
Higgins, William P., 1st Lt., Platte, Neb.
Holland, John Joseph, 1st Lt., Verdigre, Neb.
Houston, James Daniel, 1st Lt., Nebraska City, Neb.
Irvin, Lafayette Lee, 1st Lt., Gordon, Neb.
Jones, Howard Oswald, 1st Lt., Gering, Neb.
Kerns, Albert Benedict, 1st Lt., Scottsbluff, Neb.
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MacGregor, Warren Edward, 1st Lt., 1412 R St., Lincoln, Neb.

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Miller, Harold Humphrey, 1st Lt., Superior, Neb.
Miner, Walter Howard, 1st Lt., 105 N. 10th St., Norfolk, Neb.
Moore, Lawrence William, 1st Lt., 1926 R St., Lincoln, Neb.
Mowry, Ira Berton, 1st Lt., Tecumseh, Neb.
Neville, William Dennis, 1st Lt., Fairbury, Neb.
O'Connell, Frank A., 1st Lt., Norfolk, Neb.
Peebles, William Warrington, Capt., (Colored), 2416 Binney St., Omaha, Neb.
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Potter, Edmund Upshur, Capt., Roanoke, Va.
Purney, James Francis, 1st Lt., 1319 Q St., Lincoln, Neb.
Reid, Raymond Donnelly, 1st Lt., Blair, Neb.
Rile, Charles McMillan, 1st Lt., Beatrice, Neb.
Robinson, Charles Clark, 1st Lt., Fairmont, Neb.
Rogers, Stanley Hadley, 1st Lt., Coleridge, Neb.
Schall, John Sidney, 1st Lt., Douglas, Neb.
Schroeder, Paul William, 1st Lt., Eustis, Neb.
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Ubl, Joseph Lumir, 1st Lt., Ashton, Neb.
Voigt, Frank Dennis, 1st Lt., Ogalalla, Neb.
Walters, Denzil Beryl, 1st Lt., Chadron, Neb.
Walzem, William Anthony, Capt., 4216 Marcy St., Omaha, Neb.
Webster, Frederick W., 1st Lt., Lincoln, Neb.
Whelan, Joseph Sylvester, 1st Lt., York, Neb.
Wise, Ernest Earl, 1st Lt., Ord, Neb.
Zellers, Henry Clayton, 1st Lt., Hooper, Neb.
Zwink, Edwin Benjamin, 1st Lt., Eustis, Neb.

NEVADA

Clark, Harry Longfellow, 1st Lt., Battle Mountain, Nev.
O'Brien, Robert F., 1st Lt., Las Vegas, Nev.

NEW HAMPSHIRE

Beese, Harlan Frederic, 1st Lt., West Concord, N. H.
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Carignan, Arthur Martin, 1st Lt., 53 4th St., Dover, N. H.
Coffey, Albert Gaffney, 1st Lt., 392 S. Main St., Nashua, N. H.
Hardin, James Festus, 1st Lt., Fort Sumner, N. H.
Jacobs, Leon Harry, 1st Lt., Exeter, N. H.
Jacques, Edgar Joseph, 1st Lt., Manchester, N. H.
Johnstone, Alexander Patterson, 1st Lt., Franklin, N. H.
Laffin, Clarence Buron, 1st Lt., Gorham, N. H.
Littlefield, Otis Moulton, 1st Lt., Manchester, N. H.
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Preo, Herbert E. Briard, 1st Lt., 101 Church St., Berlin, N. H.
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NEW JERSEY

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NEW MEXICO

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NEW YORK

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Alter, Emil, 1st Lt., 16 W. 111th St., New York, N. Y.
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Applegate, Albert Milne, 1st Lt., Elks' Club, W. 43rd St., New York, N. Y.
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Baum, Louis, 1st Lt., 72 St. Marks Pl., New York, N. Y.
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Bellinger, Kenneth Bickford, 1st Lt., 51 Grove St., Tonawanda, N. Y.
Bennett, Leon Allen, 1st Lt., Hornell, N. Y.
Berger, Herman Urban, 1st Lt., 221 Delaware St., Tonawanda, N. Y.
Bergida, Arthur Leopold, 1st Lt., 122 Tompkins Ave., Brooklyn, N. Y.
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Bevier, Monroe Brown, 1st Lt., 58 S. Clinton, Poughkeepsie, N. Y.
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Bielefeld, Herman Lewis, 1st Lt., 129 Wadsworth Ave., New York, N. Y.
Blakeman, Earle Chatfield, 1st Lt., 165 N. Fulton Ave., Mt. Vernon, N. Y.
Blakeman, Ralph Sterling, 1st Lt., 165 N. Fulton Ave., Mt. Vernon, N. Y.
Blank, Isidor, 1st Lt., 869 Eastern Parkway, Brooklyn, N. Y.
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Brinkman, Harry John, 1st Lt., Bellerase, Long Island, N. Y.
Broff, Maurice Henry, 1st Lt., 161 Pulaski, Brooklyn, N. Y.
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Brown, Charles Harold, 1st Lt., 21 Luydig, Pl., Corona, N. Y.
Brown, Charles Raymond, 1st Lt., Mattituck, L. I., N. Y.
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Burns, Hugh Frederick, 1st Lt., Greenport, N. Y.
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Black, John Wilton, (Colored), Red Springs, N. C.
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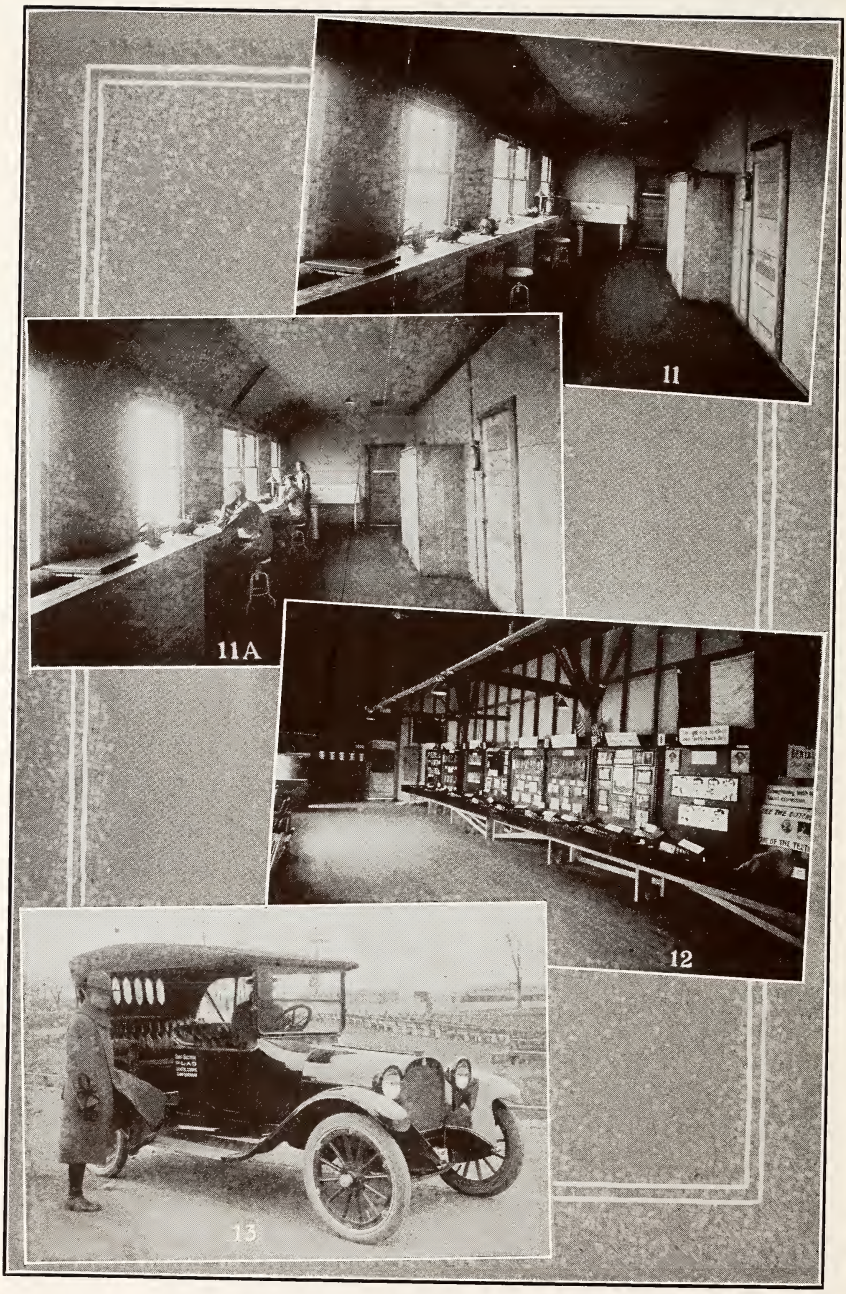
Alister, Harris Ashton, 1st Lt., La Moure, N. D.
Brundin, John Geissler, 1st Lt., Grand Forks, N. D.
Cole, Walter E., 1st Lt., Bismarck, N. D.
Crydermann, William J., 1st Lt., Grafton, N. D.
Evans, R. Mercer, 1st Lt., Grafton, N. D.
Ford, William John, 1st Lt., Casselton, N. D.
Harper, Frederick William, 1st Lt., Enderlin, N. D.
Hocking, Harry G., 1st Lt., Devils Lake, N. D.
Price, Clarence Deane, 1st Lt., 56½ Broadway, Fargo, N. D.

TYPICAL SCENES OF A DENTAL INFIRMARY.

Dental Infirmary No. 1, Camp Sherman, Ohio.

Contains 28 Base Dental Outfits, consisting of a Base Chair, Cuspidor, Electro Dental All-cord Electric Dental Engine. No. 1, Aseptic Cabinet, Compressed Air, Spray Heaters, hot and cold water, lighted by electricity, and heated by steam. This building is divided as follows: Main operation room to accommodate 14 equipments, one operating room containing 4 equipments, five operating rooms containing 2 equipments each, one main waiting room, one waiting and lounging room for officers, one office room for Dental Officer in charge, one x-ray room fully equipped, one large mechanical laboratory, one property room for dental supplies, two lavoratories and toilet rooms, eight wash stands with knee water valves, two large electric sterilizers, four small sterilizers, one nitrous oxide machine, coat lockers and two telephones. No. 2. Main waiting room. No. 3. Officers' waiting and lounging room. No. 4. Office of Dental Officer in Charge. No. 5. A view of main operating room.

No. 6. Close view of one-half of main operating room. No. 7. Close view of the other side of main operating room. No. 8. A view of one of the five (5) rooms containing two (2) full base outfits each. No. 9. During the epidemic in September and October, masks were worn by all Dental Officers as shown in this picture. Electric Sterilizer shown in the fore ground. No. 10. Showing a corner of the X-Ray Room and Dark Room.



No. 11. This view shows the Mechanical Laboratory. The door at the end leads into the Dental Supply room. No. 11-A. Same. No. 12. A corner room in the main Y. M. C. A. building showing the Ohio State Dental Society Oral Hygiene Exhibit, loaned Camp Sherman by the Oral Hygiene Committee Dec. 12, 1918. By order of General Smith, 1,200 line officers viewed the exhibit, and received lectures on Oral Hygene. Dec. 13, 16, 17, 18, 19, the entire command of nearly 20,000 enlisted men received the same illustrated lectures, and viewed the exhibit. No. 13. This Dodge five-passenger car presented to Camp Sherman by the Ohio Section of the Preparedness League of American Dentists, Nov. 9, 1918.

Radke, William Lynn, 1st Lt., New Rockford, N. D.
Rose, Leonard Adam, 1st Lt., Minto, N. D.
Ross, Peter Joseph, 1st Lt., Minto, N. D.
Simmons, Nines, 1st Lt., Harvey, N. D.
Stangebye, Thorlief Ludrig, 1st Lt., New England, N. D.
Stewart, Archie Wiley. 1st Lt., Underwood, N. D.
Todd, Arlo Roberts, 1st Lt., Reeder, N. D.
Tommerson, Lief Norman, 1st Lt., Hettinger, N. D.
Williams, Edwin, 1st Lt., Hankinson, N. D.

OHIO

Agate, Arthur R., 1st Lt., Elyria, Ohio.
Allen, Robert Morton, 1st Lt., 12403 Superior Ave., Cleveland, Ohio.
Anderson, Carl August, Capt., 2379 Woodland Ave., Columbus, Ohio.
Apel, Otto Fred, 1st Lt., Franklin Furnace, Ohio.
Arbuckle, James H., 1st Lt., 55 E. State St., Columbus, Ohio.
Baldridge, Blanchard Estell, 1st Lt., Cherry Fork, Ohio.
Ball, Harry Hildreth, 1st Lt., Willoughly, Ohio.
Bannister, Guy Porter, 1st Lt., Mansfield, Ohio.
Barton, William Arthur, 1st Lt., 300 E. Main St., Massillon, Ohio.
Bean, Lonzo Gardner, 1st Lt., Cline Bldg., Athens, Ohio.
Beattie, William Ross, Capt., 2352 E. 89th St., Cleveland, Ohio.
Beatty, Chester Hopkins, 1st Lt., 1005 United Brethren Bldg., Dayton, Ohio.
Bently, Lloyd E., Capt., 25 Boxford Road, Cleveland, Ohio.
Berry, Clarence Feniunel, 1st Lt., St. Paris, Ohio.
Billman, Elmer Jones, 1st Lt., 68 Buttles Ave., Columbus, Ohio.
Bosworth, King Arthur, 1st Lt., Room 3, Loomis Blk., Tiffin, Ohio.
Bower, Ralph Conn, 1st Lt., 404 Everett Bldg., Akron, Ohio.
Bratton, Roscoe Conkling, 1st Lt., Galion, Ohio.
Briggs, Charles F., 1st Lt., 2512 Kenilworth Rd., Cleveland, Ohio.
Brown, Stevens W., Capt., Ashtabula, Ohio.
Brunk, Henry Jerrett, 1st Lt., Lima, Ohio.
Buchman, Robert A., 1st Lt., 741 McKinley Ave., S. W., Canton, Ohio.
Bulmer, John Fairman, 1st Lt., 882 Mahoning Ave., Youngstown, Ohio.
Busch, Cadie V., 1st Lt., Racine, Ohio.
Bush, James Emile, (Colored), 222 Norwood Ave., Dayton, Ohio.
Cain, Joseph Marion, 1st Lt., 1121 Cleveland Ave. N. W., Canton, Ohio.
Church, Ray Burdell, 1st Lt., Pomeroy, Ohio.
Claypool, Sperry B., Capt., 802 Dorr St., Toledo, Ohio.
Clear, Frank Arnold, 1st Lt., Greenville, Ohio.
Coleman, Raymond Frederick, 1st Lt., Camden, Ohio.
Comstock, Ray Clifford, 1st Lt., Sidney, Ohio.
Conlon, Hugh Dougherty, 1st Lt., Deither Block, Niles, Ohio.
Connor, Peter Leo, 1st Lt., 740 Madison Ave. West, Youngstown, Ohio.
Cope, Rozelle Martin, 1st Lt., 760 N. Wall St., Columbus, Ohio.
Corwin, Edw. Klum, 1st Lt., 5 Garfield Pl., Cincinnati, Ohio.
Cox, Charles Clifford, 1st Lt., Shawnee, Ohio.
Curry, Frank Leo, 1st Lt., 221 Cleveland Ave. N. W., Canton, Ohio.
Curtiss, William Westley, 1st Lt., Drawer 197, Greenfield, Ohio.
Damlos, Milton Julius, 1st Lt., 11707 Castlewood Ave., Cleveland, Ohio.
Davies, Evans William, 1st Lt., 12302 Superior Ave., Cleveland, Ohio.
Davis, Henry Shipley, Capt., 943 Summit Ave., Cincinnati, Ohio.
Dean, Asa W., 1st Lt., Lodi, Ohio.
Deger, Leon John, 1st Lt., 1200 S. Brown St., Dayton, Ohio.
De Haven, Burrell Beard, (Colored), 1st Lt., 652 E. Long St., Columbus, Ohio.
Denbow, Carl Kendrick, 1st Lt., 460 Helen Court, Columbus, Ohio.
Denzer, Harry Van, 1st Lt., 63 Vennum Ave., Mansfield, Ohio.
Dibert, Emery, 1st Lt., Y. M. C. A., Springfield, Ohio.
Dierks, George W., 1st Lt., 1750 Superior St., Toledo, Ohio.
Downey, Ivan Ellsworth, 1st Lt., 1692 E. 79th St., Cleveland, Ohio.
Drach, George Leroy, Jr., 1st Lt., 10723 Cedar Ave., Cleveland, Ohio.
Early, Wilbur Simpson, 1st Lt., 11 Linden Ave., Dayton, Ohio.
East, Walter Raleigh, 1st Lt., 1046 E. 148th St., Cleveland, Ohio.
Edmiston, Horace Stewart, 1st Lt., 3314 Archwood Ave., Cleveland, Ohio.
Eklund, Egner A., 1st Lt., 1680 E. 84th St., Cleveland, Ohio.
English, Lee Mars, 1st Lt., Bedford, Ohio.
Farkes, Samuel Norman, 1st Lt., 424 W. Federal St., Youngstown, Ohio.
Felik, Cloyd Homer, 1st Lt., Lorain, Ohio.
Fenzel, Frank William, 1st Lt., 677 N. High St., Columbus, Ohio.
Ferris, Nial Edwin, 1st Lt., 3543 Mooney Ave., Hyde Pk., Cincinnati, Ohio.
Ford, Laurence Wilmer, 1st Lt., Columbus, Ohio.
Frankel, Herbert Gustav, 1st Lt., 1009 Union Central Bldg., Cincinnati, Ohio.
Gans, Melvin Branch, 1st Lt., 719 E. 105th St., Cleveland, Ohio.
Garrett, Charles Clifton, 1st Lt., Frazeysburg, Ohio.
Gaut, Vassar Gerald, 1st Lt., Payne, Ohio.

Gentilly, James Vincent, 1st Lt., 1275 E. 90th St., Cleveland, Ohio.

Glennon, Walter Henry, 1st Lt., W. Park St., Westerville, Ohio.

Golding, Joseph Wm., Capt., R. F. D. No. 2, Perry, Ohio.

Gonder, Frank Cullen, 1st Lt., Lorain, Ohio.

Gowdy, Edwin Finley, 1st Lt., R. F. D. No. 7, Xenia, Ohio.

Green, Ralph Walter, 1st Lt., Berea, Ohio.

Green, Walter Raymaker, 1st Lt., Akron, Ohio, B. F. Goodrich Co.

Greer, Frank Glenn, 1st Lt., Youngstown, Ohio.

Gruber, Max Frederick, Capt., 911 5th St. N. E., Canton, Ohio.

Guthridge, Ralph Waldo, 1st Lt., Sidney, Ohio.

Haase, Monroe Charles, 1st Lt., 6121 Kinsman Rd., Cleveland, Ohio.

Hannon, James Francis, 1st Lt., 131 W. Bancroft St., Toledo, Ohio.

Happy, Frank Feland, Capt., 12303 Superior Ave., Cleveland, Ohio.

Harner, Paul Singley, Capt., Coshocton, Ohio.

Hasbrouck, St. Clair, 1st Lt., Barnesville, Ohio.

Herke, Oliver Louis, 1st Lt., 6503 Detroit Ave., Cleveland, Ohio.

Hill, Earl Jefferson, Capt., 1282 West 102nd St., Cleveland, Ohio.

Hisey, Jay Milton, Capt., 1203½ Market St., Youngstown, Ohio.

Hoffman, Clifford Robert A., 1st Lt., 7304 Clinton Ave., Cleveland, Ohio.

Hoopman, Earle Newton, Capt., 1276 Eastwood Ave., Columbus, Ohio.

Hoskinson, Jeff C., 1st Lt., Fly, Monroe Co., Ohio.

Howver, Harold Lee, 1st Lt., Mansfield, Ohio.

Hudson, John Russell, 1st Lt., S. W. Cor. 3rd & Weston Ave., Dayton, Ohio.

Hughes, Ernest Victor, 1st Lt., 614 S. Lincoln Ave., Massillon, Ohio.

Johnson, Wilbur Nelson, 1st Lt., 301 N. 3rd St., Steubenville, Ohio.

Joliet, Albert Louis, 1st Lt., 718 W. Tuscazawas St., Canton, Ohio.

Jones, Alexander H., 1st Lt., Youngstown, Ohio.

Jones, Chauncey Homer, Capt., 15905 Detroit Ave., Lakewood, Ohio.

Jones, Earl Pearson, Capt., 103 W. Fourth St., Mansfield, Ohio.

Jones, Joseph Hayden, 1st Lt., Oak Hill, Ohio.

Jordan, Luzerne George, 1st Lt., 10216 North Blvd., Cleveland, Ohio.

Jury, Chadwin Townsend, 1st Lt., Jacksontown, Ohio.

Kay, Starling Ernest, 1st Lt., Taylorsville, Ohio.

Kemper, Claude Musser, 1st Lt., Germantown, Ohio.

Kemper, James Tilman Corbit, Germantown, Ohio.

Keselring, Ormsby, 1st Lt., 16 E. 3rd St., Dayton, Ohio.

Kinstle, John Merle, 1st Lt., 2643 W. 14th St., Cleveland, Ohio.

Knoderer, Walter Alfred, 1st Lt., 468 S. Ohio Ave,. Columbus, Ohio.

Lampe, George Henry, 1st Lt., 4 W. 7th St., Cincinnati, Ohio.

Landgrebe, Clarence Paul, Capt., 10617 Churchill Ave., Cleveland, Ohio.

Landy, Louis Arthur, Capt., Cleveland, Ohio.

Langell, Dudley Bowman, 1st Lt., 1431 Wyandotte Ave., Lakewood, Ohio.

Lechner, Paul Peter, 1st Lt., 8223 Woodland Ave., Cleveland, Ohio.

Leingang, Ralph Fred, 1st Lt., 21 Chapman Ave., East Cleveland, Ohio.

Licht, Benjamin Jerrir, 1st Lt., 1339 E. 65th St., Cleveland, Ohio.

Linn, Ralph Danenberg, Capt., 409 Stambaugh Bldg., Youngstown, Ohio.

Lodge, Edward Ballard, Capt., 432 Rose Bldg., Cleveland, Ohio.

Lorenz, Elmer Earl, 1st Lt., 167 W. McMillan St., Cincinnati, Ohio.

Lowry, Earl Dempsey, 1st Lt., 950½ Dennison Ave., Columbus, Ohio.

McCroba, Burcon, 1st Lt., 4269 Noble St., Bellaire, Ohio.

Marshall, Pope Lemon, Capt., Crest View Road, Columbus, Ohio.

Matthews, Albert Pierce, 1st Lt., 126 Wellington Place, Cincinnati, Ohio.

Marple, James Lowell, 1st Lt., 10527 Churchill Ave., Cleveland, Ohio.

Miller, Edwin, 1st Lt., 26½ N. Park Place, Newark, Ohio.

Miller, John J., 1st Lt., Elyria, Ohio.

Miller, Ralph, 1st Lt., 10808 Fairchild Ave., Cleveland, Ohio.

Morrison, Henry Morton, 1st Lt., 1446 Marrs Ave., Lake Wood, Ohio.

Mulligan, Charles Edwin, 1st Lt., Coshocton, Ohio.

Musgrave, Arthur Clarence, 1st Lt., Ohio City, Ohio.

Musgrave, Charles A., 1st Lt., Sherwood, Ohio.

Newman, Leon E., 1st Lt., 7403 Dellenaugh, Cleveland, Ohio.

Nichols, Raymond E., 1st Lt., Carey, Ohio.

Nieder, Elmer J., 1st Lt., 4540 Floral Ave., Norwood, Ohio.

Niswonger, Milo Eugene, 1st Lt., Dayton, Ohio.

Nixon, Albert Raleigh, 1st Lt., 1428 Gallia St., Portsmouth, Ohio.

Osborn, Ray Walter, 1st Lt., 924 W. High St., Mt. Vernon, Ohio.

Owen, Ralph Evans, 1st Lt., 11019 Miles Ave., Cleveland, Ohio.

Palmer, William Francis, 1st Lt., 2507 Auhwood Ave., Cleveland, Ohio.

Park, William Earl, 1st Lt., %Firestone Tire & Rubber Co., Akron, Ohio.

Penske, William Walter, 1st Lt., 819 Nebraska Ave., Toledo, Ohio.

Quay, Walter Melvin, 1st Lt., 3 Remmele Bldg., Tiffin, Ohio.
Ramsey, Earl Marshall, 1st Lt., 653 Delaware St., Gary, Ind.
Rayman, Stanley E., 1st Lt., 1535 Rosewood Ave., Lakewood, Ohio.
Redhead, Will Lewis, 1st Lt., 671 E. 107th St., Cincinnati, Ohio.
Reeves, Walter Burdel, Capt., Columbia Ave., Bexley, Ohio.
Reid, Howard Allen, Capt., 249 Goodman Ave., Cleveland, Ohio.
Reid, James Henry, 1st Lt., 2200 Selzer Ave., Cleveland, Ohio.
Reif, Louis Everett, 1st Lt., 967 S. High St., Columbus, Ohio.
Reynolds, Eber J., 1st Lt., Xenia, Ohio.
Riche, George Wilbur, 1st Lt., 622 North Main St., Dayton, Ohio.
Roderick, John Edwin, 1st Lt., 29 N. Chestnut St., Jackson, Ohio.
Rothwell, Bertram Sedden, Capt., Lakeside Hospital, Cleveland, Ohio.
Ruggles, Stewart Dana, Major, Portsmouth, Ohio.
Schafer, Earl Alonzo, 1st Lt., Barnesville, Ohio.
Schaefer, William, 1st Lt., 7105 Central Ave., Cleveland, Ohio.
Schallhein, Arthur Harold, 1st Lt., 422 Eddy Road, Cleveland, Ohio.
Schedine, H. Ellwood, 1st Lt., 209 W. North St., Lima, Ohio.
Schell, Robert Mercer, Capt., 20 W. 9th St., Cincinnati, Ohio.
Schiewete, Herbert J., Capt., R. R. No. 5, Dayton, Ohio.
Shepard, Raymond Gordon, 1st Lt., 114 W. Ward St., Springfield, Ohio.
Smith, Harry Reynolds, Capt., Ironton, Ohio.
Smith, Hubert Anderson, 1st Lt., 326 N. 6th St., Steubenville, Ohio.
Starr, Frank C., 1st Lt., 186 Chittenden Ave., Columbus, Ohio.
Steiner, Elmer, 1st Lt., 131 E. State St., Columbus, Ohio.
Stevens, George John, 1st Lt., 1934 Queen City Ave., Cincinnati, Ohio.
Stout, Roy Albert, Capt., 17 Norfold Bldg., 8th & Elm, Cincinnati, Ohio.
Stranathan, William, 1st Lt., Pleasant City, Ohio.
Stratton, Shubeel Childs, Capt., Waynesburg, Ohio.
Swayne, Russell Metcalfe, (Colored), 1st Lt., 1601 Charles St., Springfield, Ohio.
Sykes, Harold Ulysses, 1st Lt., Plymouth, Ohio.
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Taylor, George Pile, Capt., Reynoldsburg, Ohio.
Thornberry, Albert Ewing, Jr., Capt., Woodsfield, Ohio.
Thuma, Jay Clinton, Capt., Box, 569, LaRue, Ohio.
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Warne, Harold Maxwell, 1st Lt., 1450 E. 66th St., Cleveland, Ohio.
Whitney, John Charles, 1st Lt., Bridgeport, Ohio.
Weilage, Marcus Frans Josef, 1st Lt., 2902 Euclid Ave., Cleveland, Ohio.
Wilson, Glen Alfred, 1st Lt., 216 Columbus St., Crestline, Ohio.
Wise, Harry Wright, 1st Lt., 7836 Canterbury Rd., Cleveland, Ohio.

OKLAHOMA

Adams, Edwin Brown, 1st Lt., Ada, Okla.
Ammons, Earl Fay, 1st Lt., 404 Bliss Bldg., Tulsa, Okla.
Beattie, Robert Ewing, 1st Lt., Security Bldg., Oklahoma City, Okla.
Beatty, Albert J. Tait, Maj., Oklahoma City, Okla.
Berry, Charles Luke, 1st Lt., Drumright, Okla.
Bright, Elmer Clarence, 1st Lt., Mountain View, Okla.
Brown, James Andrew, 1st Lt., Cherokee, Okla.
Crowder, Ansel Martin, 1st Lt., 630 F St., Perry, Okla.
Dickson, Rose Oscar, Capt., Blackwell, Okla.
Doherty, James Thomas, 1st Lt., Butler, Okla.
Eaton, Howard Holmes, 1st Lt., Altus, Okla.
Ferguson, Walter Edwin, 1st Lt., Marlow, Okla.
Granger, Ed, 1st Lt., Ada, Okla.
Hansen, George Raymond, 1st Lt., Chandler, Okla.
Henry, Dale S., 1st Lt., Okemah, Okla.
Henson, Robert Eston, 1st Lt., Shawnee, Okla.
Hine, Otto Lewis Hunter, 1st Lt., 226 Equity Bldg., Muskogee, Okla.
Howell, William Alvin, 1st Lt., Collinsville, Okla.
Hudson, Woodland, 1st Lt., 715 S. Main St., Tulsa, Okla.
Jones, Judge Stanton, 1st Lt., Pryor, Okla.
Keith, Robert Edmond, 1st Lt., Ardmore, Okla.
Keys, Edward Frasier, 1st Lt., Guthrie, Okla.
Kieser, Clifford Viert, 1st Lt., 9 Hub Bldg., McAlester, Okla.
Laird, Harry Brumfield, Capt., Tecumseh, Okla.
Lewis, Harvey Nelson, 1st Lt., Carmen, Okla.
Mitchell, Leonard G., Maj., State National Bank, Oklahoma City, Okla.
Morrison, William Paxton, 1st Lt., El Reno, Okla.
McCarthy, Richard P., 1st Lt., Colony, Okla.
Obert, John Thomas, 1st Lt., Altus, Okla.
Pollock, Adolph A., 1st Lt., Oklahoma City, Okla.
Roland, George Earl, Capt., Elk City, Okla.
Rush, William Dean, Capt., Cleveland, Okla.
Schwartz, Peter William, 1st Lt., Medford, Okla.

Scruton, Wibert J., Maj., 711 State National Bank Bldg., Oklahoma City, Okla.

Sorrels, Tullie Wallace, 1st Lt., Oklahoma City, Okla.

Travis, Plato Harrison, (Colored), 1st Lt., 517 N. Elgin St., Tulsa, Okla.

OREGON

Adams, Waldo Johnson, 1st Lt., 208 White Temple, Eugene, Ore.

Allen, Clair K., 1st Lt., 195 Sixth St., Portland, Ore.

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Bennet, Nona Paul, 1st Lt., 1030 Chene Meta St., Salem, Ore.

Brown, Vivian Z., 1st Lt., 153 Hamilton Ave., Portland, Ore.

Bunch, Fred Grant, 1st Lt., Myrtle Point, Ore.

Campbell, James Arthur, Capt., 6827 55 Ave., S. S. Portland, Ore.

Cole, Ray Freeman, 1st Lt., 941 Clinton St., Portland, Ore.

Dale, William Michael, 1st Lt., Estacada, Ore.

Davis, John H., Capt., Portland, Ore.

Elliott, Bert R., 1st Lt., Grants Pass, Ore.

Fisher, Milton H., 1st Lt., 1028 Arnold St., Portland, Ore.

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Hager, Arthur William, 1st Lt., R. F. D. No. 1, Box 184, Portland, Ore.

Hale, Howard Austin, Capt., 108 E. 19th St., Portland, Ore.

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Handford, William Arthur Geasel, 1st Lt., 333 N. 3rd St., Corvallis, Ore.

Hardenbrook, Dallas Elmer, 1st Lt., Brookings, Ore.

Hartford, Edward, 1st Lt., Woolburn, Ore.

Hewitt, Henry Harris, 1st Lt., 555 E. Washington St., Portland, Ore.

Hillier, Cecil Ray, 1st Lt., 134 Mirimar Pl., Portland, Ore.

Hoffman, George March, 1st Lt., 671 Schuyler St., Portland, Ore.

Hoskins, Sidney Blaine, 1st Lt., St. Helens, Ore.

Hughes, William George Vernon, 1st Lt., Milton, Ore.

Humberstone, George Earl, 1st Lt., 260 Alberta St., Portland, Ore.

Johnson, James Harvey, Capt., 1469 Division St., Portland, Ore.

Lindley, Cecil Franklin, 1st Lt., 815 7th Ave., West Eugene, Ore.

Massey, Seth Burke, 1st Lt., The Dallas, Ore.

Mihnos, Frank Oscar, 1st Lt., 427 2nd St., Portland, Ore.

Miller, Roland Bratton, 1st Lt., Lebanon, Ore.

Mills, Ralph Ira, 1st Lt., 522 Leo Ave., Portland, Ore.

Montgomery, Thomas Farrar, Capt., North Bend, Ore.

Murphy, Fred Ray, 1st Lt., La Grande, Ore.

O'Donnell, Patrick, 1st Lt., 6030 90th St., S. E., Portland, Ore.

Parsons, Hubert Frank, 1st Lt., 735 Hoyt St., Portland, Ore.

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Pineo, Harold Dudley W., 1st Lt., Hood River, Ore.

Pound, Benjamin Franklin, Capt., Salem, Ore.

Powell, John Henry, 1st Lt., 1092½ Hawthorne Ave., Portland, Ore.

Rosenthal, Lawrence Adolph, 1st Lt., 690 Marshall St., Portland, Ore.

Schilt, Alfred, 1st Lt., 434 Mill St., Portland, Ore.

Skiff, Seymour Sperry, Capt., 296 Sacramento St., Portland, Ore.

Templeton, Charles Edward, 1st Lt., Woodburn, Ore.

Vaughan, Frank, Capt., 533 Commercial St., Astoria, Ore.

Walker, Danal Arneill, 1st Lt., 419 Liberty St., Ashland, Ore.

Westerfeld, Fred, 1st Lt., Klamath Falls, Ore.

PENNSYLVANIA

Acken, Raymond Vincent, 1st Lt., 5921 Broad St., Pittsburg, Pa.

Adams, Abram R., 1st Lt., 313 E. Church St., Nanticoke, Pa.

Adelhelm, William Thomas, 1st Lt., 2526 S. Colorado St., Philadelphia, Pa.

Alguier, James Edward, 1st Lt., 20 Graduate House, University of Pa., Philadelphia, Pa.

Alexander, Walter Lavern, 1st Lt., 24 S. Front St., New Castle, Pa.

Allison, Walter Joseph, Capt., Hazleton, Pa.

Altman, Julius, 1st Lt., 792 S. 2nd St., Philadelphia, Pa.

Amig, John Christian, 1st Lt., 29 E. Market St., Lewiston, Pa.

Appleton, Joseph Luke, Jr., 1st Lt., Evans Dental Inst., 40th & Spruce Sts., Philadelphia, Pa.

Armstrong, Ellsworth, 1st Lt., Collingdale, Pa.

Arnold, Joseph, 1st Lt., 208 5th Ave., McKeesport, Pa.

Baker, Ralph Edwin, 1st Lt., Shamokin, Pa.

Balbach, Charles John, 1st Lt., Butler St., Millvale, Pa.

Baralt, Augustin Raymond, 1st Lt., 6061 Allman St., Philadelphia, Pa.

Barto, William John, Capt., Hooversville, Pa.

Barton, Byron Whitehead, 1st Lt., 620 3d St., Catasauqua, Pa.

Barton, Edwin William, 1st Lt., 2300 Columbia Ave., Philadelphia, Pa.

Bauman, Arthur William, 1st Lt., Lock Haven, Pa.

Beacham, Earle DeWitt, 1st Lt., Clairton, Pa.

Beachler, Robert Bridenbaugh, 1st Lt., 762 Penn St., Reading, Pa.

Beane, Edgar Graham, 1st Lt., 748 Chartiers Ave., McKees Rocks, Pa.
Beattie, Thomas Purcell, 1st Lt., Brackenridge, Pa.
Beck, Francis Kenneth, 1st Lt., 2001 Pennsylvania Ave., Pittsburgh, Pa.
Beddon, Edward Allen, 1st Lt., 324 S. Main Ave., Scranton, Pa.
Bell, Leslie Cabell, 1st Lt., 1630 Walnut St., Philadelphia, Pa.
Bell, Zadoc Eugene, 1st Lt., 352 Grace St., Pittsburgh, Pa.
Bender, John Harry, 1st Lt., Ashland, Pa.
Benedict, Benjamin, 1st Lt., 5224 Parkside Ave., Philadelphia, Pa.
Benedict, Rush Gillan, 1st Lt., Waynesboro, Pa.
Blumenschein, Carl William, 1st Lt., 310 Walnut St., Johnstown, Pa.
Boarts, Joseph Arthur, Major, Greensburgh, Pa.
Bock, Howard, Capt., 204 Brilliant Ave., Aspinwall, Pa.
Bomberger, Paul Erisman, 1st Lt., Terre Hill, Pa.
Boss, William O., Capt., Tounville, Pa.
Bouden, Harry Ellwood, (Colored), 1st Lt., 1315 N. 15th St., Philadelphia, Pa.
Bowen, Frank Leo, 1st Lt., 49 Venago St., Johnstown, Westmont, Pa.
Bower, Daniel Thomas, Capt., 332 Atwood St., Pittsburgh, Pa.
Brachman, Herman Joseph, Capt., 1503 Diamond St., Philadelphia, Pa.
Bracken, Edward Spear, Jr., 1st Lt., 2804 Versailler Ave., McKeesport, Pa.
Brandt, Henry William, 1st Lt., 426 Grandt St., Susquehanna, Pa.
Brill, Fred Augustus, 1st Lt., 1310 Lincoln Ave., Moore, Pa.
Brinham, John Randolph, 1st Lt., 541 Main St., Windher, Pa.
Broadwater, Melvin Frost, 1st Lt., 216 S. Highland Ave., Pittsburgh, Pa.
Brown, Arthur Edmon, 1st Lt., Cochranton, Pa.
Brown, Earl Alexander, 1st Lt., 141 Chestnut St., Sunbury, Pa.
Bruch, Frederick Fillmore, 1st Lt., 38 S. Third Ave., Bethlehem, Pa.
Buchanan, William Gaylord, Capt., Mercer, Pa.
Buddinger, Adam Lawson Lee, 1st Lt., No. 17 North Oak St., Mount Carmel, Pa.
Bush, Oliver Paul, 1st Lt., 242 S. Beaver St., York, Pa.
Calvert, William Andrews, 1st Lt., 3144 Chartiers Ave., Pittsburgh, Pa.
Cameron, James Ritchie, 1st Lt., 2018 Chestnut St., Philadelphia, Pa.
Campbell, Lawrence Floyd, 1st Lt., 824 Anaheim St., Pittsburgh, Pa.
Cannon, James Thomas, Capt., Oxford, Pa.
Cartun, Albert, 1st Lt., 1545 N. Sixth St., Philadelphia, Pa.
Cassell, George L., Jr., 1st Lt., 308 Fayette St., Johnstown, Pa.
Cleland, Carlyle Bruce, 1st Lt., 320 W. 30th, Erie, Pa.
Cobbett, Louis Alvah, 1st Lt., Milton, Pa.
Cole, Joseph Hodgson, 1st Lt., 10 Bore-view Ave., Carnegie, Pa.
Coleman, George Antonius, 1st Lt., 235 S. 15th St., Philadelphia, Pa.
Colman, Joseph Aloysius, 1st Lt., 2262 N. 21st St., Philadelphia, Pa.
Connolly, Bernard Joseph, 1st Lt., 105 W. Seymour St., Philadelphia, Pa.
Connolly, John Frank, Capt., Bethlehem, Pa.
Coombe, Benjamin Clyde, 1st Lt., 205 Mathilda St., Pittsburgh, Pa.
Cooper, L. N., 1st Lt., Glenside, Pa.
Corby, Arthur Edward, 1st Lt., 3800 Locust St., Philadelphia, Pa.
Cornish, Edwin Russell, 1st Lt., 1909 N. 8th St., Philadelphia, Pa.
Courtright, Burton Allen, 1st Lt., 1718 Wyoming Ave., Forty Fort, Pa.
Crane, Aaron Ross, 1st Lt., West Chester, Pa.
Crane, Frank Alf, 1st Lt., 3312 Walnut St., Philadelphia, Pa.
Crawford, Clarke Raymond, 1st Lt., Tidioute, Pa.
Crawford, William P., 1st Lt., Clifton Heights, Pa.
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Creasy, Frederick John, 1st Lt., Mifflinville, Pa.
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Cunningham, Louis Brady, 1st Lt., Wampun, Pa.
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Dale, George Cooper, 1st Lt., Grove City, Pa.
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Plass, Herman Theodore, 1st Lt., Chow St. & Chelton St., Philadelphia, Pa.

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Showalter, Maurice Aloysius, 1st Lt., Latrobe, Pa.

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Swanson, Perry, 1st Lt., Brookston, Pa.

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Swartz, Leroy Winfield, 1st Lt., Tyron, Pa.

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Woods, Philip Harold, Capt., Mt. Union, Pa.

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RHODE ISLAND

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Canning, Francis Joseph, 1st Lt., Cumberland Hill, R. I.

Casey, Charles Henry, 1st Lt., 87 Bluff St., Riverside, R. I.

Cooper, John Paul, 1st Lt., 17 Brewster St., Providence, R. I.

Doyle, Harold Francis, 1st Lt., 14 George St., Westerly, R. I.

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Keighley, John F. M., 1st Lt., 43 Broad St., Westerly, R. I.
Lees, Hervey Platt, 1st Lt., 5 Mary St., Central Falls, R. I.
McCarthy, Daniel Francis, Capt., 35 Bingham St., Providence, R. I.
McKanna, Harry Francis, 1st Lt., River Point, R. I.
O'Connell, John Mathew, 1st Lt., 19 Narragansett Ave., Westerly, R. I.
Perrier, Casimir Emile, 1st Lt., 186 Fountain St., Pawtucket, R. I.
Reed, Mossman Gardner, 1st Lt., 697 Main St., Pawtucket, R. I.
Smith, Byron Nelson Harris, 1st Lt., 138 Adams St., Lakewood, R. I.
Smyth, George Cleland, 1st Lt., 116 Wyndham Ave., Providence, R. I.

SOUTH CAROLINA

Appleby, Charles Lloyd, Capt., St. George, S. C.
Blanton, Preston Monroe, 1st Lt., Mullins, S. C.
Boylston, Norman Elliott, 1st Lt., Springfield, S. C.
Breeland, Samuel Walter, 1st Lt., Holly Hill, S. C.
Burston, Lionel James, 1st Lt., Bat. C, 16 Bn., F. A. R. D. Bldg., J-A Camp Jackson, S. C.
Campbell, Alger L., (Colored), 1st Lt., Base Hospt., Camp Sevier, S. C.
Cannon, George Vardeman, Capt., St. Mathews, S. C.
Carr, Irving Pomeroy, Capt., Greenville, S. C.
Crenshaw, Leroy Feltz, 1st Lt., Greenville, S. C.
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Davidson, William Lee, Capt., Chester, S. C.
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Davis, Thomas Floyd, 1st Lt., Base Camp Jackson, S. C.
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Falls, John Barry, 1st Lt., Central, S. C.
Fort, Laurens Warren, 1st Lt., Gaffney, S. C.
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McDonald, Paul Huot, 1st Lt., Georgetown, S. C.
Meares, Chester M., Capt., Lake View, S. C.
Pratt, Charles Benton, Jr., 1st Lt., Lancaster, S. C.
Sanders, Charles Mack, 1st Lt., Anderson, S. C.
Thompson, James Robert, Jr., 1st Lt., Anderson, S. C.
Whitlock, Luther Chapman, 1st Lt., Lake City, S. C.

SOUTH DAKOTA

Babington, Melville C., 1st Lt., Whitewood, S. D.
Berch, Harold Fleischer, 1st Lt., Sioux Falls, S. D.
Billings, Earl Gray, 1st Lt., Goddes, S. D.
Buettell, Ernest David, 1st Lt., Emery, S. D.
Carey, Marc Raymond, 1st Lt., Salem, S. D.
Carleton, Henry Joseph, 1st Lt., Sioux Falls, S. D.
Clinite, Floyd Ellis, Capt., Redfield, S. D.
Davis, John Harrison, 1st Lt., Armour, S. D.
Elfert, Earl Christopher, 1st Lt., Madison, S. D.
Everhard, Will Duquid, 1st Lt., Miller, S. D.
Farrell, Charles L., 1st Lt., Lake Andes, S. D.
Gange, Lawrence W., 1st Lt., Conde, S. D.
Haas, Clifford Peter, 1st Lt., 1615 S. Minnesota Ave., Sioux Falls, S. D.
Henkin, Mort, 1st Lt., Watertown, S. D.
Kimmel, John Albert, 1st Lt., Elk Point, S. D.
Kremer, Leo Wilfred, 1st Lt., Vermillion, S. D.
Lawrence, Otto Herbert, 1st Lt., Canton, S. D.
Miller, Erskine Orlando, 1st Lt., Winner, S. D.
Nelson, John Berger, 1st Lt., Avon, S. D.
Park, Harry Clifford, 1st Lt., Sioux Falls, S. D.
Raynes, Rex Alfred, 1st Lt., Groton, S. D.
Rogers, George Alfred, 1st Lt., Elkton, S. D.
Scofield, Percy Lee, 1st Lt., Huron, S. D.
Seaman, Ralph Barnes, 1st Lt., Warner, S. D.
Sorbel, Alfred Rudolph, 1st Lt., Webster, S. D.
Spink, Jay Christie, 1st Lt., Corona, S. D.
Tarbell, Harvey Gleason, 1st Lt., White, S. D.
Wood, Robert Ingersol, 1st Lt., Sturgis, S. D.
Ziegler, Lorenz Henry, 1st Lt., Spencer, S. D.

TENNESSEE

Acker, Alvin Leslie, 1st Lt., Knoxville, Tenn.
Baker, George Cleveland, 1st Lt., Nashville, Tenn.
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Connell, Ewing Bradley, 1st Lt., Adams, Tenn.
Conner, James Thomas, Capt., 712 James Bldg., Chattanooga, Tenn.
Dorscheid, Ernest Jacob, 1st Lt., Oakdale, Tenn.
Durham, Athel Zerah, 1st Lt., Cleveland, Tenn.
Elliott, George Herman, Capt., Springfield, Tenn.
Fields, Virgil Malcolm, 1st Lt., Milan, Tenn.
Flemings, James Royal, 1st Lt., Rockwood, Tenn.
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Holland, LeRoy, 1st Lt., Dyersburg, Tenn.

Hudson, Adin W., 1st Lt., Middleton, Tenn.

Ikard, William Elija, 1st Lt., Decherd, Tenn.

Jones, James Baird, Capt., Murfreesboro, Tenn.

Knox, Frank DeLaney, 1st Lt., Erwin, Tenn.

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Porter, Charles Earl, 1st Lt., Centerville, Tenn.

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TEXAS

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Bartels, Henry August, 1st Lt., Seguin, Tex.

Bass, Feris Achile, 1st Lt., San Saba, Tex.

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Durham, Orla Marvin, 1st Lt., Memphis, Tex.

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Hollister, Claude Reavis, 1st Lt., Manteno, Ill.

Holmes, Avery Giles, 1st Lt., Southport, N. C.

Holmes, Harry, 1st Lt., Soperton, Ga.

Ingalls, Raymond E., Lt. Col., Ft. Bliss, Tex.

Irwin, James L. P., Maj., Manila, P. I.

Jackson, Clarence Pefferce, 1st Lt., Macomb, Ill.

Jacobson, Clarence Raymond, 1st Lt., Tracy, Minn.

Jaffer, Joseph, Henry, 1st Lt., San Det. 30th Inf., Camp Grant, Charlotte, N. C.

Jensen, Harold, 1st Lt., Junction City, Ore.

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Jones, Joseph Hayden, 1st Lt., Oak Hill, Ohio.

Kaufman, Samuel, Maj., Ft. Screven, Ga.

Keith, James Harold, 1st Lt., Bridgewater, Mass.

Kelly, Oather Allen, 1st Lt., Hazel Dell, Ill.

Kennebeck, George R., 1st Lt., Carroll, Ia.

Kennedy, Edwin Moore, 1st Lt., Leavenworth, Kan.

King, J. Craig, Maj., Corozal, C. Z.—S. G. O.

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Mann, Charles C., Maj., Camp E. S. Otis, Canal Zone.
Mann, James Barto, 1st Lt., Colmesneil, Tex.
Mann, William, Maj., Ft. Thomas, Ky.
Manning, Jas. B., 1st Lt.,
Mason, George L., Col., Del Rio, Tex.
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Milburn, Eugene, Maj., Manila, P. I.
Mills, Max Manning, 1st Lt., Pella, Ia.
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Peavey, Harry Clothey, Major, Manila, P. I.
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Reesman, Walter L., Major, Ft. Kamehameha, Hawaii.
Rhodes, Fletcher D., 1st Lt., Cape Girardeau, Mo.
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Best showing at Review to Military Surgeons, Kelly Field, Chickamauga Park, Ga., Oct 6th, 1918. Co. 43, Batt'n 11, M. O. T. G., Lt. Wayne W. Woolly Commanding; Lt. John Richards, Batt'n Commander. W. N. Bispham, Col. M. C., U. S. A.

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Newsom, Brantley I., Maj., Ft. Ringgold, Tex.
Nicklies, Elmer Henry, 1st Lt., Maxwell, Ia.
Ogg, Lester C., Maj., Eagle Pass, Tex.
Oliver, Robert T., Col., Ft. Sam Houston, Tex.
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Page, Thomas Minyard, 1st Lt., Atlanta, Ga.
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Parker, Harrison Lindsay, 1st Lt., 18 Lebanon St., Winchester, Mass.
Parkinson, Chester Bumgardner, 1st Lt., 214 Millikin Bldg., Decatur, Ill.
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Roberts, Bruce H., Major, El Paso, Texas.
Rodriguez, Fernando Emilio, 1st Lt., Rio Piedras, Porto Rico.
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Rowe, John Albert, 1st Lt., Masonic Bldg., Reno, Nevada.
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Rushing, Elbert Earle, Major, El Paso, Texas.
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Schrader, Lee R., Major, Ft. Benjamin Harrison, Ind.
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Scott, Minot E., Lt. Col., Ft. Sam Houston, Texas.
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Smith, Eugene Alonzo, 1st Lt., Frostburg, Md.
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Smith, Walter S., Major, Douglas, Ariz.
Snapp, John H., Rvt. Major, Ft. Slocum, N. Y.
Snyder, Oscar P., Major, Ft. McPherson, Ga.
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White, John Nelson, 1st Lt., Green, Ky.
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Alexander, Everett, 1st Lt., Ohio.
Allen, Bernard H., 1st Lt., Connecticut.
Allen, Henry R., 1st Lt., New York.
Amis, Charles B., 1st Lt., Arkansas.
Anderton, Murrell W., 1st Lt., Tennessee.
Applegate, Albert M., 1st Lt., New Jersey.
Asche, Leroy Thomas, 1st Lt., New Jersey.
Atterberry, J. G., 1st Lt., Idaho.
Augderheide, Paul J., Capt., Ohio.
Baker, Douglas M., 1st Lt., Massachusetts.
Ballard, Fred F., 1st Lt., Iowa.
Bamford, Austin Chester, 1st Lt., New York.
Barney, Willis, Capt., Wisconsin.
Bateman, J. K., 1st Lt., Texas.

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Bayliss, Merlon L., 1st Lt., Ohio.
Beal, Moses C., Capt., New York.
Behney, Buron S., 1st Lt., Pennsylvania.
Belbeze, Ernest T., 1st Lt., Texas.
Bentson, Arthur, 1st Lt., Michigan.
Bergholte, Frederick J., 1st Lt., Wisconsin.
Bergman, William Edward, 1st Lt., Texas.
Best, Jerry R., 1st Lt., Texas.
Bethea, William L., 1st Lt., Georgia.
Betts, Edwin Mayo, 1st Lt., Maryland.
Beurman, Cline S., 1st Lt., Michigan.
Block, Harry, 1st Lt., California.
Bond, Joe Edward, 1st Lt., Arkansas.
Bonney, Harold E., 1st Lt., Virginia.
Booth, George C., 1st Lt., Illinois.
Boyd, Hurst Vincent, Capt., New York.
Boyne, Harry Nathaniel, 1st Lt., Iowa.
Bracewell, Joseph L., 1st Lt., Alabama.
Brady, William F., 1st Lt., New York.
Bratton, Daniel, 1st Lt., Maryland.
Brown, Frank H., 1st Lt., Arkansas.
Bryant, Myron E., 1st Lt., Massachusetts.
Bryant, Ura M., 1st Lt., Kentucky.
Buehler, Arthur C., 1st Lt., Massachusetts.
Buehler, Harold H., 1st Lt., Massachusetts.
Buff, Arthur J., 1st Lt., Kansas.
Buist, Charles A., 1st Lt., South Carolina.
Burke, Daniel Henry, Jr., 1st Lt., Massachusetts.
Burston, Bernhardt B., 1st Lt., Massachusetts.
Busby, William E., Capt., Oklahoma.
Byers, Harolde C., 1st Lt., Iowa.
Byrns, George M., 1st Lt., Nebraska.
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Cerveny, Franklin Dale, 1st Lt., Minnesota.
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Ciddens, R. E., 1st Lt., Kentucky.
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Green, James M., 1st Lt., Texas.
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Harlow, Lloyd, 1st Lt., Wyoming.
Harrell, Waller W., 1st Lt., Kansas.
Harington, Garlon Ellice, 1st Lt., Wisconsin.
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Hillyer, Kenneth E., 1st Lt., New York.
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Hinz, Otto B., 1st Lt., Wisconsin.
Hodkin, William N., 1st Lt., Virginia.
Holden, Walter H., 1st Lt., Illinois.
Hollister, Clark J., Capt., Pennsylvania.
Hotaling, Harry A., 1st Lt., Colorado.
House, Charles Gould, Capt., Louisiana.
Howell, Elbert H., 1st Lt., Arkansas.
Huber, Charles Robert, 1st Lt., Iowa.
Huff, Frederick N., 1st Lt., New Jersey.
Huff, Herbert W., 1st Lt., New Jersey.
Hughes, Dudley, Capt., New York.

Hughes, John Mortimer, Capt., Virginia.
Hull, Ralph W., 1st Lt., Ohio.
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Jackson, William F., 1st Lt., Ohio.
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Kutz, Forrest E., 1st Lt., Kansas.
Lake, Arthur Chester, 1st Lt., Washington.
Lam, Wah, 1st Lt., Hawaii.
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Ledbetter, R. D., 1st Lt., Texas.
Lewis, Halbert, 1st Lt., Wisconsin.
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Miller, Raymond, 1st Lt., Ohio.
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Smelyzer, John L., Capt., West Virginia.
Smith, Heyl B., 1st Lt., Kansas.
Snook, Frederick Emory, 1st Lt., Idaho.
Snyder, Lorenzo F., 1st Lt., Oregon.
Southard, Philip C., 1st Lt., Delaware.
Spencer, Paul G., 1st Lt., Arkansas.
Spoon, Thomas L., 1st Lt., North Carolina.
Spragg, Hedley C., 1st Lt., Pennsylvania.
Stallworth, W. A., 1st Lt., Texas.
Starcke, Walter Hugo, 1st Lt., Texas.
Steedman, Robert J., Capt., New York.
Stehl, Henry J., 1st Lt., New York.
Stembridge, Millard F., 1st Lt., Georgia.
Stewart, W. T., 1st Lt., Texas.
Stickley, Robert P., 1st Lt., Virginia.
Strange, Clifford, Capt., Maine.
Sturdivant, J. N., 1st Lt., North Carolina.
Suggs, Forest D., 1st Lt., South Carolina.
Sundby, Elmer J., Capt., Minnesota.
Sutton, Adelbert M., 1st Lt., New York.
Swan, Earl G., Capt., Ohio.
Swendsen, Theodore Constantine, Capt., Minnesota.
Swords, Collins Ward, Capt., Louisiana.
Tancil, Park, 1st Lt., Illinois.
Taylor, Daniel L., 1st Lt., Colorado.
Taylor, James A., 1st Lt., Missouri.
Thatcher, Samuel B., 1st Lt., California.
Thomas, Fred W., Capt., Arkansas.
Thomas, William Raymond, 1st Lt., Pennsylvania.
Timeson, Earl, Capt., New York.
Tompkins, Hartwell E., 1st Lt., New York.
Traxler, Edward LeRoy, 1st Lt., Minnesota.
Turcott, Rodolphe T., Capt., Maine.
Turner, Joseph H., 1st Lt., Arkansas.
Tuttle, Ovid S., 1st Lt., California.
Tyler, Jesse M., 1st Lt., Florida.
Vater, Frederick, 1st Lt., Wisconsin.
Vores, Victor A., Capt., New York.
Wallace, Gren Wesley, 1st Lt., Pennsylvania.
Walston, L. R., 1st Lt., South Dakota.
Wansley, Reuben A., 1st Lt., Texas.
Warren, David B., 1st Lt., New York.
Webb, Arthur C., Capt., New York.
Webster, Karl S., 1st Lt., Vermont.
Webster, R. L., 1st Lt., Rhode Island.
Wells, Richmond, 1st Lt., Oregon.
Wheat, Taylor M., 1st Lt., Texas.
Wheeler, Tracey G., 1st Lt., Iowa.
White, Carroll A., 1st Lt., Ohio.
White, Douglas A., 1st Lt., District of Columbia.
White, Jesse R., 1st Lt., Texas.
Whitson, Glen H., 1st Lt., Colorado.
Willis, Roy M., 1st Lt., Arkansas.
Wilson, Sidney Eugene, 1st Lt., Mississippi.
Windham, Robert F., 1st Lt., Alabama.
Wingo, Loyd E., 1st Lt., Arkansas.
Worsham, Adolphus E., Capt., North Carolina.
Wren, Edwin St. Clair, Captain, Pennsylvania.
Wright, Garland White, 1st Lt., California.
Wright, Thomas E., Capt., West Virginia.
Yancy, Henry L., 1st Lt., Arkansas.
Young, William C., 1st Lt., Michigan.

FOREIGN

Barbosa, Roberto Celso, 1st Lt., Box 534, San Juan, Porto Rico.
Bartleman, Francis Correll, 1st Lt., Hospital 32 bis, Passy par Veron, France.
Becerra, Jose Rafael, 1st Lt., Bayamon, Porto Rico.
Burkhart, Richard Hingston, 1st Lt., Amer. Red Cross Military Hospital No. 1, A. E. F., France
Carballo, Joaquin Fernandez, 1st Lt., Box 750, San Juan, Porto Rico.
Colon, Juan Enrique, 1st Lt., Yabucca, Porto Rico.
Davenport, Ralph Sloan, 1st Lt., 30 av de l'Opera, Paris, France.
Denton, Robert T., 1st Lt., 51 Carretera, Santurce, Porto Rico.
Diaz, Gabriel Fernos, 1st Lt., Caguas, Porto Rico.
Diaz, Ramon P., 1st Lt., Barceloneta, Porto Rico.
Garcia, Calos Manuel, 1st Lt., Isabella, Porto Rico.
Gay, Verne Jules, 1st Lt., Co. E, 117th Engineers, A. E. F.
Goyco, Ramon Geronimo, 1st Lt., P. O. Box 236, Ponce, P. R.
Hardy, Ernest Mandeno, 1st Lt., Bayamon, Porto Rico.
Hernandez, Guillermo E., 1st Lt., Humacao, Porto Rico.
Kenefick, William James, 1st Lt., No. 13, (Harvard, U. S. A., No. 5), Gen. Hospital, A. E. F.
Lafayette, Harold Francis, 1st Lt., U. S. A. Base Hospital No. 5, (No. 13 Gen. Hospital), B. E. F.
Laguna, Temistocles W., 1st Lt., 7 Sol St., Ponce, Porto Rico.
Llavat, Francisco, 1st Lt., Mayaquez, Porto Rico.
McVeigh, Alphonsus Bernard, 1st Lt., %Chief Engineer, G. Hq., A. E. F., France.
Monagas, Oscar P., 1st Lt., Mayaquez, Porto Rico.
O'Donnell, Louis Cornelius, 1st Lt., Manila, P. I.
Ortion, Edward Joseph, 1st Lt., 33 Boulevard Malesherbes, Paris, France.
Pastrana, Miguel Angel, 1st Lt., Rio Piedras, Porto Rico.
Pou, Cayetano R., 1st Lt., Ponce, Porto Rico.
Quinones, Carlos Matta, 1st Lt., Fajardo, Porto Rico.
Quintero, Enrique R., 1st Lt., P. O. Box 312, Manati, Porto Rico.
Rivera, Damaso Ramon, 1st Lt., Coamo, Porto Rico.
Rodriquez, Louis P., 1st Lt., 24 Comercio St., Ponce, Porto Rico.
Ros, Eligio F., 1st Lt., P. O. Box 844, San Juan, Porto Rico.
Sawyer, Bertram Hatch, 1st Lt., Hq. 101st., F. A., A. E. F., France.

Sifre, Angel Santiago, 1st Lt., P. O. Box 1270, San Juan, Porto Rico.

Soler, Luis Ruis, 1st Lt., 15th Canal Ct., Santurce, Porto Rico.

Sykes, William S., Capt., Amer. Embassy, London, England.

Toro, Julio Alberto, 1st Lt., San Juan, Porto Rico.

Torregrosa, Enrique Alberto, 1st Lt., Box 223 Lares, Porto Rico.

Torresgrosa, Ralph E., 1st Lt., Box 444, Aguadilla, Porto Rico.

Walton, Roy Page, 1st Lt., 25 a The Parade Golders Green N. W. 3, London, England.

Watlington, Luis F. Coll., 1st Lt., Box 973, Arecibo, Porto Rico.

Williams, Mark LeRoy, 1st Lt., Field Hospital, Co. No. 3, 1st Div., A. E. F.

DENTAL OFFICERS U. S. NAVY*

DENTAL OFFICERS OF THE REGULAR CORPS, U. S. NAVY

In the Regular Corps, there are now 29 Lieutenant Commanders and 69 who will be Senior Lieutenants within a very short time. We have not signified the rank of officers as men in the Reserve Corps have been promoted at various times and some are due for promotion in a short time, so that it would be difficult to furnish the exact status of the officers—Editor.

Akerstrom, Sidney M., Roxbury, Mass.
Badger, Harold A., Ticonderoga, N. Y.
Barber, John R., Minneapolis, Minn.
Benepe, Louis M., St. Paul, Minn.
Blaisdell, Harry W., Rockingham, N. H.
Bluim, Arthur W., Salem, Wis.
Bockey, Charles C., Washington, D. C.
Brown, Elmer H., Trenton, N. J.
Brown, James L., Crawfordsville, Ind.
Brown, Lindsay H., Hillsboro, Oregon.
Bryant, Emory A., Washington, D. C.
Burleich, Andrew L., Risca, England.
Campbell, James M., Johnson City, Tenn.
Chamberlain, Dean L., Colorado Springs, Colo.
Chandler, Alfred W., Newport, R. I.
Clancy, Frederick D., Holliston, Mass.
Claytor, Spry O., Frederick, Md.
Cogan, William N., Washington, D. C.
Cohen, David L., Kalkask, Mich.
Collins, George A., Freehold, N. J.
Coverly, William E., Jacksonville, Ill.
Crandall, John W., Pellston, Mich.
Daly, Thomas J., Bayonne, N. J.
Daniels, Harold A., Memphis, Tenn.
Darnall, William L., Lebanon, Ind.
Davidson, William T., Philipsburg, Pa.
Davis, Robert S., Meriden, Conn.
Delmore, Hubert F., Altoma, Wis.
Dickson, Robert E., West Somerville, Mass.
Dorney, William A., Newtonville, Mass.
Duncan, Harrison B., Newark, N. J.
Emerson, DeWitt, Los Gatos, Cal.
Faxon, Elwood B., Portland, Oregon.
Fellows, Armin T., Lawrence, Kas.
Ferguson, Rufus A., Neva, Va.
Flynn, Joseph A., Youngston, Ohio.
Fowler, George C., Hyattsville, Md.
Frazier, George M., Congress Heights, D. C.
Frost, Leon C., Hanley, England.
Green, Richard C., Leadville, Colo.
Halleck, Joseph D., Colorado Springs, Colo.
Hansen, Canute, Copenhagen, Denmark.
Harris, Edward E., Minneapolis, Minn.
Harrison, Marion E., Charleston, S. C.
Harvey, Harry E., Carrollton, Ohio.
Henry, Russell A., Towers City, Pa.
Herlihy, John E., Fitchburg, Mass.
Hoylman, Eric G., Willsonville, Neb.
Jarboe, Eugene D., Edwards Ferry, Md.
Johnson, Harry D., Springfield, Mo.
Jones, Charles C., Hamilton, Texas.
Kelly, Joseph A., Boston, Mass.
Kennedy, Patrick F., Chicopee, Mass.
Knox, Albert, Philadelphia, Pa.
Kohlmeier, Irvin G., Gibson County, Ind.
Lacy, Ernest W., Massac, Ill.
Lehman, Herbert J., Eyoto, Minn.
Lippman, Louis B., New York City, N. Y.
Lough, James C., San Francisco, Cal.
Lyle, Alexander G., Gloucester, Mass.
Lynes, Cedric T., Cambridge, Mass.
Mack, Cornelius H., West Springfield, Mass.
Mahoney, Joseph A., Waltham, Mass.
Mangold, Marion W., Bradford, Pa.
Mann, Hyman, Philadelphia, Pa.
Martin, Leon, Philadelphia, Pa.
Maskrey, Percy B., Risca, England.
Maxwell, Robert S., Georgetown, Colo.
McAlpin, John V., Bradford, Pa.
McCleery, Howard R., Hastings, Neb.
McCreary, Anson F., Villisa, Iowa.
McDonald, Lloyd C., Wichita, Kas.
McGann, Philip S., Somerville, Mass.
McGourty, Lawrence E., Worcester, Mass.
McGrath, James F., Boston, Mass.
Meyers, Hugh T., Osborne City, Kas.
Montgomery, Lou C., Rushville, Ill.
Morey, Franklin L., Marysville, Ohio.
Morgan, John E., Washington, D. C.
Morrow, Clark E., Harrisville, Mo.
Nelson, Conrad H., Frewsbury, N. Y.
Nicholas, Guy E., Augusta, Maine.
Norkiewicz, Anthony, Shenandoah, Pa.
Patton, Everett K., Wood Lawn, Va.
Patton, Robert V., Pendleton, Oregon.

*Official list furnished by Lieut. Commander W. H. Cogan, Ranking Dental Officer, U. S. N., Surgeon General's Office.

LIEUT. COMMANDER W. N. COGAN,
Ranking Dental Officer, U. S. N., Washington, D. C.

Philips, Glen S., Gaines, Pa.
Quinn, Joseph F., New Haven, Conn.
Reed, George H., Hampdon, Maine.
Rehm, Arthur A., Albany, N. Y.
Ridgeway, James W., Washington, D. C.
Root, James I., Concord, Mich.
Sampsell, Thomas L., Luray, Va.
Schmucker, Ralph, Philadelphia, Pa.
Siegel, Jerold M., Laporte, Ind.
Smith, Alwyn, New Orleans, La.
Snyder, Louis F., Sioux City, Iowa.
Sturtevant, Herbert A., Cambridge, Mass.
Swenson, Merrill G., Gaylord, Minn.
Tartre, Joseph A., Biddeford, Maine.
Taylor, William R., Wadena, Minn.
Tennent, Eugene H., Washington, D. C.
Tichy, Frank S., Chicago, Ill.
Tilley, Edwin R., St. Louis, Mo.
Tinsley, Charles C., Forsyth, Ga.
Vossbeck, Frederick C., Trinidad, Colo.
Walsh, John A., New Britain, Conn.
Walter, Eugene LeRoy, Washington, D. C.
Ward, Alvin B., Oakland, Wis.
Weaver, Kemper K., New Lebanon, Ohio.
Weir, Francis S., Lowry City, Mo.
White, Herbert A., Jamestown, N. Y.
White, Paul G., Chelsea, Mass.
Willett, Errol W., Staunton, Mich.
Williams, Lucian C., Belleville, Texas.
Willard, Logan A., Apolo, Pa.
Yando, Arthur H., Brandon, Vt.
Yeisley, Paul W., Baltic, Ohio.
Zastrow, Frank A., Saginaw, Mich.
Ziesel, Carl S., Philadelphia, Pa.
Zimmer, Earl H., Chicago, Ill.
Zuehlke, Alexander J., Juneau, Wis.
Grady, Richard, Baltimore, Md.
Bryant, Emory A., Washington, D. C.

DENTAL OFFICERS (TEMPORARY) U. S. NAVY

Chandler, Clarence A., Greenville, S. C.
Murdy, William F., New York City, N. Y.
White, Thomas, Boston, Mass.

DENTAL OFFICERS OF THE RESERVE CORPS, U. S. NAVY

Adair, Harold C., San Francisco, Cal.
Adams, Philip E., New Sharon, Maine.
Alexander, David J., South Boston, Mass.
Angonnet, Claude A., San Francisco, Cal.
Applebee, Alpha B., Red Oak, Iowa.
Askin, Robert M., Salem, Mo.
Austin, Lloyd C., Fresno, Cal.
Bailey, Robert J., Chicago, Ill.
Barnes, John W., Chicago, Ill.
Barnfield, William H., Rockwood, Ill.
Baron, William F., Paterson, N. J.
Barr, Samuel, Brooklyn, N. Y.
Barton, Benjamin H., St. Louis, Mo.
Batkin, Fred A., San Francisco, Cal.
Baumet, David, South Chicago, Ill., (Released)
Beam, Chester A., Medvale, N. J.
Beegan, John J., San Francisco, Cal.
Beerman, Sidney H., Chelsea, Mass.
Berman, Arthur E., New York, N. Y.
Berry, Ronnie A., Stephenville, Texas.
Bisson, Daniel G., Bremerton, Wash.
Bisson, Francis, Oakland, Cal.
Boardman, Frank C., Washington, D. C.
Borden, Harold A., Norfolk, Va.
Bourquin, Justin W., Tidioute, Pa.
Bouton, Clyde S., Highland Mills, N. Y.
Boyden, Malcolm C., New Castle, Va.
Brosseau, Benjamin L., Brooklyn, N. Y.
Brown, James W., Rich Square, N. C.
Brown, Philo G., Salem, Oregon.
Brown, Richard A., Natural Bridge, Fla.
Brownell, Harry L., Fresno, Cal.
Buchanan, Herbert F., Le Mars, Iowa.
Bumpass, Robert J., Hagerstown, Md.
Burdge, Fred B., Asbury Park, N. J.
Busse, Edwin K., San Francisco, Cal.
Cain, Edward A., Summit, N. J.
Calhoun, Loran L., Hampton Roads, Va.
Campbell, Francis E., Chicago, Ill.
Carmichael, Harry G., Marysville, Cal.
Carroll, Walton C., Hyattsville, Md.
Carter, James H., Bremerton, Wash.
Cauch, Walter A., Oakland, Cal.
Chichester, George E., Great Falls, Mont.
Cigrand, Bernard J., Batavia, Ill.
Citron, Jefferson J., Oakland, Cal.
Claude, Gordon H., Annapolis, Md.
Clyne, Wade C., Joliet, Ill.
Cobb, Lee A., Fowler, Cal.
Cochran, Edwin N., Hagerstown, Md.
Cohen, Bernhard, Pawtucket, R. I.
Cohen, Maurice, Chicago, Ill.
Cohen, Max, New York City, N. Y.
Cole, Charles M., Poughkeepsie, N. Y.
Conditt, Leslie T., Tuckerman, Ark.
Copp, Joseph P., San Diego, Cal.
Cragin, Harold I., Merchantville, N. J.
Cranz, Lester B., San Diego, Cal.
Cunning, Francis C., Troy, N. Y.
Curtis, Lawrence, Derby, Conn.
Dampier, Donald G., St. Paul, Minn.
Darby, George D. B., Merion Station, Pa.
D'Armona, Ary E., Key West, Fla.
Davis, Charles F., Downers Grove, Ill.
Davis, Frank V., San Francisco, Cal.
Delaney, Henry R., Fall River, Mass.
Detmer, Charles E., Chevy Chase, Md.
Dietz, Bernard I., Hampton Roads, Va.
Doherty, Daniel A., Dorchester, Mass.
Donahey, Merle E., Hallton, Pa., (Deceased)
Donahoe, Theadore P., Bronx, N. Y.
Doran, Raymond E., San Francisco, Cal.
Dow, Edgar L., Hampton Roads, Va.
Drake, Norman E., Oakland, Iowa.
Duggan, Nicholas S., Oakland, Cal.
Dunford, Fletcher A., Portsmouth, Va.
Dupuy, Larry J., Latimer Mines, Pa.
Durand, Maurice N., Chester, Pa.
Eames, Haller B., Beverly, Mass.

LIEUTENANT COMMANDER RICHARD GRADY, U. S. N.

The first officer commissioned in the grade of dental surgeon in the U. S. Navy. Appointed in 1899 for duty at the Naval Academy, he has been longer in the Government service than any member of the Dental Corps, Army or Navy.

Eckert, Frederick E., San Francisco, Cal.
Edmunds, Emmett J., Mayfield, Pa.
Ellett, Charles A., Wilmington, Va.
Fairweather, Norman S., Honolulu, T. H.
Farnsworth, Ray E., Pendleton, Oregon.
Farrell, Joseph W., Pittsfield, Mass.
Fieke, Lawrence V., Peebles, Iowa.
Ferrier, Walden I., Vades, Wash.
Ferrill, Frank B., New Orleans, La.
Finkelman, Maurice, Philadelphia, Pa.
Fischer, Herbert L., Philadelphia, Pa.
Fitzgerald, Edward J., Duluth, Minn.
Fitzpatrick, Patrick W., Providence, R. I.
Foran, John J., Philadelphia, Pa.
Forth, Wade S., Manistee, Mich.
Fowler, Pyrle A., Noohills, Mich.
Francis, Lewis A., Malden, Mass.
Fulkerson, Dan, Philadelphia, Pa.
Furman, Morris H., New York City, N. Y.
Galloway, Charles C., Liscomb, Iowa.
Gamble, Harold W., Pittsburgh, Pa.
Garcia, Clarence E., San Diego, Cal.
Gearhart, Clyde M., Washington, D. C.
George, John S., Crockett, Cal.
Gibbons, James E., Roxbury, Mass.
Gibbons, John J., New Bedford, Mass.
Gilliam, Paul S., Quittenden, Va.
Goad, Grosvenor M., Norfolk, Va.
Goetzman, George F., Norfolk, Va.
Goldinger, Harry, East Boston, Mass.
Goldsmith, Julius B., Newport, R. I.
Good, John P., Cambridge, Mass.
Goodall, Joseph B., New York City, N. Y.
Goss, Richard W., New Bedford, Mass.
Gray, Martin, Brooklyn, N. Y.
Grieves, Clarence J., Baltimore, Md.
Griffin, Timothy, South Hadley Falls, Mass.
Griffin, William H., South Boston, Mass.
Groden, Peter F., Brooklyn, N. Y.
Groves, Michael M., Charleston, S. C.
Grunewald, Bernhard C., Gloversville, N. Y.
Gwinn, Charles D., San Francisco, Cal.
Hall, Carl E., Portland, Oregon.
Hallen, Harry A., Philadelphia, Pa.
Hamner, Keith, Eureka, Cal.
Hankins, William O., Danville, Va.
Hanschen, Peter H., San Francisco, Cal.
Haury, Robert McC., Philadelphia, Pa.
Hawthorn, William F., New York City, N. Y.
Heaney, Pickett A., San Francisco, Cal.
Heely, Edwin Q., St. Louis, Ill.
Hegarty, John E., Washington, D. C.
Herns, William J., Perry, Iowa.
Hetler, Allen H., Philadelphia, Pa.
Hicks, LeRoy C., City Island, N. Y.
Hight, Finis M., Byhalin, Miss.
Higson, Alfred R., Jr., Pocatello, Idaho.
Hipsh, Henry D., Evanston, Ill.
Hittinger, Francis R., Easton, Pa.
Holland, Charles P., Chicago, Ill.
Holt, George T., Providence, R. I.
Houlette, Dale G., Merna, Neb.
Howell, Edward B., San Francisco, Cal.
Hubbard, William H., Pontiac, Mich.
Hulse, Percy C., Philadelphia, Pa.
Huntington, Erastus K., Kelly's Island, Ohio.
Hursh, Horace S., Washington, D. C.
Innis, Lawrence L., Innis, La.
Jennings, J. K., Washington, D. C.
Johnson, Charles B., Batavia, Ohio.
Johnson, Ernest C., Utica, Minn.
Johnson, Toiva S., Portland, Oregon.
Johnston, Lloyd W., Hayden, Colo.
Jolliffe, Arthur V., Philadelphia, Pa.
Jones, Francis C., Portland, Oregon.
Kalen, Harry L., Iomia, Iowa.
Kalison, Samuel, New York City, N. Y.
Kane, Martin P., O'Neill, Neb.
Keffer, Edward B., Philadelphia, Pa.
Kelleher, William J., New York City, N. Y.
Kelly, C. G., Ayer, Mass.
Kelsey, Mark, Los Angeles, Cal.
Keltie, Alexander L., Boston, Mass.
Kemp, William P., Key West, Fla.
Kennedy, Walter J., Marshall, Minn.
Kent, Samuel D., Ingram, Va.
Kenyon, Ernest M., Baker, Oregon.
Kiesendahl, Earl J., Portland, Oregon.
King, James L. G., Washington, D. C., (Deceased)
King, John M., Norwich, Conn.
Knight, Irl, Portland, Oregon.
Knoll, Charles G., Vineland, N. J.
Knorr, Roy S., Rye, N. Y.
Kramer, William F., St. Mary's, Kas.
Kusel, George C., Philadelphia, Pa.
Lambert, Herbert K., East Boston, Mass.
Lang, Lester B., San Francisco, Cal.
Laraia, Egidio A., San Francisco, Cal.
LaSalle, Harrison J., Claquet, Minn.
Laughlin, Edmund, Evansville, Ind.
LeVeau, Joshua G., San Francisco, Cal.
Levy, Leon, Philadelphia, Pa.
Lewis, Herbert F., Charleston, S. C.
Lindbeck, Richard N., Jamestown, N. Y.
Linsley, Rowland S., New London, Conn.
Loeffler, Frederick H., Union Hill, N. J.
Long, Francis J., Eureka, Cal.
Loveall, Benjamin F., San Francisco, Cal.
Lovell, Robert B., San Rafael, Cal.
Lowell, Walter E., Gorham, Maine.
Lowry, Henry C., Detroit, Mich.
MacInnis, Phillip H., Malden, Mass.
Mallett, Stephen P. L., Newtonville, Mass.
Martin, James J., Atlantic Highlands, N. J.
Martin, Leonard L., Concord, Cal.
Massey, William B., Richmond, Va.
Mathews, Howard K., Philadelphia, Pa.
Mayer, Mortimer, New York City, N. Y.
Maynard, George S., Lebanon, Ill.
Mayo, Kenneth W., Houston, Texas.
McAloon, John J., Hallscab, Pa.
McCarthy, John L., Taunton, Mass.
McCarthy, Thomas J., Chicago, Ill.
McCarty, Simon DeS., Rochester, Mass.
McCole, Patrick A., Wilkes-Barre, Pa.

OFFICERS OF INSTRUCTION AND GRADUATES OF THE SECOND CLASS NAVY DENTAL SCHOOL, GREAT LAKES NAVAL TRAINING STATION, ILLINOIS, DEC. 31, 1918.

McCullough, Craig J., Mission Valley, Iowa.
McDiarmid, William H. K., Philadelphia, Pa.
McGreen, Thomas E., Providence, R. I.
McKinley, Howard M., San Francisco, Cal.
Meek, Horace G., Oakland, Cal.
Mennies, William, Vineland, N. J.
Messner, Karl W., Etna, Cal.
Meyer, Adolph A., Oakdale, Cal.
Milwood, Louis C., Providence, R. I.
Miller, Howard C., Grand Island, Neb.
Miller, Romain W., Mainsville, Pa.
Miller, Walter C., Atanta, Ga.
Minzesheimer, Frederick C., New York City, N. Y.
Mitchell, Fred W., San Antonio, Texas.
Morris, Charles H., Boston, Mass.
Morrisette, Hubert L., Norfolk, Va.
Morse, Ralph P., Syracuse, N. Y.
Muenzer, Henry, New York City, N. Y.
Muller, Henry F., Albany, N. Y.
Mulvihill, Daniel F., San Francisco, Cal.
Munster, Joseph C., Hampton Roads, Va.
Murphy, Dennis J., Guardville, Pa.
Murray, Joseph L. B., Brookland, Washington, D. C.
Nash, William B., Omaha, Neb.
Newton, Walter T., Austin, Ga.
Nichols, Albert E., Honolulu, Hawaii.
Noonan, Edward J., Breston, Mass.
Norris, Cornelius L., Washington, D. C.
Northup, Wilmarth I., Portland, Oregon.
O'Connell, Elmer C., San Francisco, Cal.
O'Donnell, Richard J., Lynn, Mass.
Ogus, William I., Washington, D. C.
Oser, Frank S., New Orleans, La.
Palkin, Joseph R., Washington, D. C.
Park, Matthew, Philadelphia, Pa.
Parks, J. William M., Brighton, Mass.
Pecaro, August, Chicago, Ill.
Peterson, Raymond C., Lewiston, Idaho.
Pitres, Edmond, San Francisco, Cal.
Quesinberry, Rolland W., Portland, Oregon.
Quinn, William F., Detroit, Mich.
Ralph, Edward D., Jamaica, L. I., N. Y.
Ralph, Henry G., Edenton, N. C.
Rau, George J., Georgetown, Cal.
Redden, Joseph E., Springfield, Mass.
Reed, William P. E., Fall River, Mass.
Regnier, Joseph A., Pittsfield, Mass.
Rehrauer, Walter, Houston, Texas.
Reid, Howard H., Norfolk, Va.
Reid, William C., San Pedro, Cal.
Reilly, George L., Westlow, Mass.
Remy, Frank J., New York City, N. Y.
Reynolds, Carl E., Roxbury, Mass.
Ribble, Roy D., Washington, N. J.
Rivers, Amros B., Stilwell, Okla.
Roberts, Jacob F., Medford, Mass.
Robinson, Abram, Albany, N. Y.
Robinson, Robert L., Pallatine, Md.
Rodgers, Charles W., Boston, Mass.
Rogers, William J., Haddon Heights, N. J.
Rothenberg, Louis H., Stamford, Conn.
Rupert, Donald W., Trenton, N. J.
Sandstrom, Charles O., Plum City, Wis.
Scher, Emmanuel, Roxbury, Mass.
Schmid, Karl E., Otan Valley, Cal.
Schneider, Edward F., San Francisco, Cal.
Schwalb, Albert L., New York City, N. Y.
Schwartz, Paul E., Philadelphia, Pa.
Schwarz, Phillip W., Appleton, Wis.
Scott, Ethan W., San Francisco, Cal.
Segal, Samuel, Hoverhill, Mass.
Sharpe, Herman, Philadelphia, Pa.
Shaw, Eugene C., Hollister, Cal.
Shulman, Harold S., New York City, N. Y.
Slater, Ronald B., Colville, Wash.
Smith, Charles J., Providence, R. I.
Smith, George Albert, Washington, D. C.
Souter, Alfred LaV. Shelby, Mich.
Spack, Maurice, Chelsea, Mass.
Sparks, Perl A., Anoka, Minn.
Spear, Tyler W., Rockland, Maine.
Spiro, Bernard, Chicago, Ill.
Spring, James J., Fitchburg, Mass.
Sprinkel, Robert W., Staunton, Va.
Stack, Thomas P., Hyde Park, Mass.
Stegmaier, Carl W., Kingston, Mass.
Steigerwald, Clarence S., Philadelphia, Pa.
Stewart, Marshall B., Los Angeles, Cal.
Stoakes, Frank O., Oakland, Cal.
Stock, Clarence A., Virginia City, Nevada.
Sullivan, Esmonde R., North Adams, Mass.
Sullivan, Joseph E., Melrose, Mass.
Sullivan, Walter F., Lancaster, Pa.
Sussman, Jacob, New York City, N. Y.
Sutton, Walter G., Erie, Pa.
Sweeney, Berton F., Brooklyn, N. Y.
Swinburne, Ralph C., Seattle, Wash.
Taft, Clarence M., Keene, N. H.
Taggert, Deane P., Millers Falls, Mass.
Tagland, Orrin J., Fosston, Minn.
Talbot, Edward S., Sandwich, Mass.
Tambling, Allan R., Oakland, Cal.
Thebaut, William M., Atlanta, Ga.
Thomas, George A., Chicago, Ill.
Thompson, William S., Forest Grove, Oregon.
Tibbetts, John E., Boston, Mass.
Tiley, Charles A., Essex, Conn.
Tilton, Asher J., Philadelphia, Pa.
Tollinger, Albion C., Philadelphia, Pa.
Tompkins, Charles L., Grand Forks, N. D.
Trager, Frank A., Mazomanie, Wis.
Tranchina, Anton C., New Orleans, La.
Trumbo, Grover C., Norfolk, Va.
Turnbaugh, Franklin E., Chicago, Ill.
Twigg, Allen G. T., Cumberland, Md.
Vail, Clinton T., Middletown, N. Y.
Varner, Evans C., Corvallis, Oregon.
Wainman, Leon, Jordanville, N. Y.
Waldman, Henry, New York City, N. Y.
Waters, John A., Poughkeepsie, N. Y.
Webber, Chester H., San Diego, Cal.
Webster, Thomas B. R., Bazeman, Mont.
Weigester, Charles S., Troy, Pa.
Weissberger, Morris L., New York City, N. Y.

OFFICERS OF THE U. S. NAVY DENTAL CORPS ON DUTY AT THE GRE AT LAKES NAVAL TRAINING STATION, ILLINOIS, DECEMBER 16, 1918.

West, Frederick T., San Francisco, Cal.
Wherry, Orange T., Portland, Oregon.
Whitaker, Vernon D., Litchfield, Minn.
Wickham, Howard C., Perry, Iowa.
Widman, Urban S., New Albany, Ind.
Williams, Clem C., Corso, Mo.
Williams, Sidney G., Bay Shore, L. I., N. Y.
Willing, Oscar F., Portland, Oregon.
Windheim, Otto W., Chicago, Ill.
Wittmann, Andrew H., West Philadelphia, Pa.
Wolf, Louis, New York City, N. Y.
Wolfsohn, Frederick, San Francisco, Cal.
Wood, Irving N., Philadelphia, Pa.
Woods, Frederick D., Washington, D. C.
Yoder, Maurice B., Kutztown, Pa.
Zajicek, Edwin C., Chicago, Ill.
Zauderer, Tobias, New York City, N. Y.
Zernitz, Henry W., New Haven, Conn.

DIED WHILE ON ACTIVE DUTY

The following is a list of dental officers who died while on active duty. It may be possible that other names should be added to this list but to date, this is all that have been officially recorded in the Surgeon General's office.—Editor.

ARMY

Allison, Lester J., Lieut., Iowa City, Ia.

Augenstein, Melvine M., Captain, Hagerstown, Md.

Ambelang, Leslie P., 1st Lieut., Cascade, Wis.

Ballachy, Frederick A., 1st Lieut., 450 Elmwood Ave., Buffalo, N. Y.

Baris, Alexander D., 1st Lieut., Brooklyn, N. Y.

Birdsong, Horace B., 1st Lieut., Lulu, Miss.

Bliss, Vance W., 1st Lieut., Santa Cruz, Cal.

Boasman, Francis E., 1st Lieut., Chappells, S. C.

Boisseau, Charles H., 1st Lieut., Smithton, Penna.

Casselman, Ernst L., 1st Lieut., Effingham, Ill.

Crandage, Walter, Captain, 37 Baldwin St., Bridgeport, Conn.

Davies, Oliver W., 1st Lieutenant, 469 Vixel St., Los Angeles, Cal.

Desmond, Walter P., 1st Lieut., care A. D. D. S., Bramshott Camp, England.

Duwe, Harry E., 1st Lieut., Arlington, Iowa.

Earley, Joseph R., 1st Lieut., Kurtz Place, New Castle, Penna.

Estey, Harold W., Major, 159 Newbury St., Boston, Mass.

Fickes, Ralph H., 1st Lieut., 118 Grant Ave., Vandergrift, Penna.

Fleming, Lionel G., 1st Lieut., St. Martinville, La.

Fletcher, Roland E., 1st Lieut., 274 N. Fulton Ave., Mt. Vernon, N. Y.

Friday, Gale, 1st Lieut., Fremont, Ind.

Glass, Roy S., 1st Lieut., Frackville, Penna.

Hannah, Clark B., 1st Lieut., Gen. Delivery, Los Angeles, Cal.

Hanson, Roy E., 1st Lieut., Cambridge Springs, Penna.

Henry, Carl R., 1st Lieut, Cuba, Ill.

Henshaw, Winfred E., 1st Lieut., 1722 First St., Peru, Ill.

Higgins, John C., Lt., McAdoo, Pa.

Hoffman, Wade H., 1st Lieut., Levi Building, Oil City, Penna.

Jones, Alexander H., 1st. Lieut., Youngstown, Ohio.

Jones, Earl P., Capt., Mansfield, Ohio.

Kreitman, Albert L., 1st Lieut., 545 W. 144th St., New York City, N. Y.

Leonard, Frank S., 1st Lieut., 914 N. Meridian St., Indianapolis, Ind.

Lubitz, William M., 1st Lieut., 1061 Bergen St., Brooklyn, N. Y.

McNett, Frank E., 1st Lieut., LaCrosse, Wis.

Mattox, George W., 1st Lieut., Elberton, Ga.

Moffett, Samuel F., 1st Lieut., Cotello, Texas.

Morin, Adrian L., 1st Lieut., 616 Baker St., San Francisco, Cal.

Morrissey, Edward M., 1st Lieut., Kenosha, Wis.

Niles, Will C., 1st Lieut., 101 Vernon St., Newton, Mass.

Osborne, Lloyd A., Lieut., Fremont, Iowa.

Parsons, Joseph H., 1st Lieut., 1019 West 10th St., Erie, Penna.

Patterson, Roy A., 1st Lieut., Hennessey, Okla.

Peterson, Walter F., 1st Lieut., 1716 Fourth St., S. E. Minneapolis, Minn.

Postle, Merton M., Major, 416 W. 77th St., Chicago, Ill.

Reinhard, Walter O., 1st Lieut., Rio, Wis.

Sanderson, Mortimer, Lieut. Col., Regular U. S. Army.

Simons, John S., 1st Lieut., Henderson, Minn.

Simm, Francis R., 1st Lieut., Pierre, S. Dak.

Smith, Cecil C., 1st Lieut., Violet Hill, Ark.

Staples, Bernard F., 1st Lieut., 454 Massachusetts Ave., Boston, Mass.

Stocker, Delmar H., 1st Lieut., Tunkhannock, Penna.

Stone, Leslie A., 1st Lieut., 30 Taylor St., Pittsfield, Mass.

Wald, Alfred G., 1st Lieut., 410 17th St., Huntington, Penna.

Walker, Raymond A., 1st Lieut., 285 Orchard St., New Haven, Conn.

Wall, Morrison B., Captain, 15605 Detroit Ave., Cleveland, Ohio.

Weidert, Raymond M., Lieut., Wilcox, Pa.

Wilcox, Edward George, 1st Lieut, Roanoke, Ill.

Zwink, Edwin B., 1st Lieut., Eustis, Neb.

DIED DURING THE WAR

NAVY

Lieut. Wheedon E. Osborne, D. C., U. S. N., killed in action, June 6, 1918.

Lieut. Commander Arthur A. Rehm, D. C. U. S. N., October 20, 1918.

Lieut. (j. g.) James E. Feely, D. C. U. S. N. R. F., Sept. 26, 1918.

Lieut. (j. g.) James L. G. King, D. C., U. S. N. R. F., Oct. 1, 1918.

Lieut. (j. g.) George J. Rau, D. C., U. S. N. R. F., Jan. 20, 1919.

COMMISSIONED OFFICERS NOT CALLED FOR ACTIVE DUTY.*

ALABAMA

Bennett, Hal Clay, 1st. Lt., York, Ala.
Brannon, Edwin Simpson, 1st Lt., 924 S. 13th St., Birmingham, Ala.
Brown, James Boylan, 1st Lt., Alabama Penny Bank Bldg., Birmingham, Ala.
Brown, William Rufus, 1st Lt., Penny Savings Bank Bldg., Birmingham, Ala.
Campbell, Mack, 1st Lt., 5136 3rd Ave. No., Birmingham, Ala.
Chisolm, Patrick Donald, 1st Lt., Central Y. M. C. A., Birmingham, Ala.
Cleveland, Thomas Hilburn, 1st Lt., Centerville, Ala.
Cooley, Lunus I., 1st Lt., Boaz, Ala.
McWhorter, Abbott Milton, 1st Lt., Collinsville, Ala.
Mills, Joseph Benjamin, 1st Lt., Red Level, Ala.
Segars, Charles G., 1st Lt., 160 Montgomery St., Troy, Ala.
Shipman, Elza Otho, 1st Lt., Haleyville, Ala.
Trafford, Isaac Bert, 1st Lt., Woondly Road, Montgomery, Ala.

ARIZONA

Keegan, James Michael, 1st Lt., Globe, Ariz.
Rush, Don Dee, 1st Lt., 203 E. Union St., Prescott, Ariz.

ARKANSAS

Black, Dewitt Talmadge, 1st Lt., Monticello, Ark.
Dettweiler, William Edward, 1st Lt., Arkansas City, Ark.

CALIFORNIA

Albright, Arthur Newton, 1st Lt., 1359 Echo Ave., Fresno, Cal.
Alexander, Ralph Hawthorne, 1st Lt., Escondido, Cal.
Ayers, Loren W., 1st Lt., San Bernardino, Cal.
Bell, Raymond F., 1st Lt., 3907 S. Grand Ave., Los Angeles, Cal.
Bettencourt, Frank Cabul, 1st Lt., 322 Clement St., San Francisco, Cal.
Boulton, Fred Evan, 1st Lt., 1751 Market St., San Francisco, Cal.
Brown, Hugh, 1st Lt., 236 E. 47 St., Los Angeles, Cal.
Browning, William H., (Colored), 1st Lt., 1201½ Central Ave., Los Angeles, Cal.
Brownson, Earl N., 1st Lt., 1276 Sunset Blvd., Los Angeles, Cal.
Bruhns, Harold John, 1st Lt., 333 8th Ave., San Francisco, Cal.
Campbell, John Lockhart, 1st Lt., Pacific Grove, Cal.

*Official list furnished by War Department, Surgeon General's Office.

Chisholm, Frank Roderick, 1st Lt., 165 S. Marbrisa, Huntington Park, Cal.
Church, Allison Mills, 1st Lt., 1917 Anza St., San Francisco, Cal.
Condoni, Leslie Roy, 1st Lt., Ferndale, Cal.
Craig, Thornton, 1st Lt., 187 A. Parnassus Ave., San Francisco, Cal.
Dennis, John Joseph, 1st Lt., 2130 Market St., San Francisco, Cal.
Eggert, Henry Otto, 1st Lt., 1467 Williard St., San Francisco, Cal.
Ehrlich, George Theodore, 1st Lt., 3429 Telegraph Ave., Oakland, Cal.
Fontaine, Sadi Bernard, 1st Lt., 526 Kempton Ave., Oakland, Cal.
Foster, Douglas E., 1st Lt., 809 Story Bldg., Los Angeles, Cal.
Foster, Frank Burteen, 1st Lt., 1720 E. 39th St., Los Angeles, Cal.
Gardiner, Clayson Van, 1st Lt., Santa Rosa, Cal.
Greef, Clyde Otto, 1st Lt., 4814 S. Normandie Ave., Los Angeles, Cal.
Greenberg, Jack N., 1st Lt., 1818 West 25th St., Los Angeles, Cal.
Grimwood, Frank Groville, 1st Lt., 78 Vicksburg St., San Francisco, Cal.
Hanford, William Henry, 1st Lt., 5425 Grove St., Oakland, Cal.
Hawke, Ernest James, 1st Lt., 1425 S. Hope St., Los Angeles, Cal.
Heller, Leopold, Arthur, 1st Lt., 4137 S. Wall St., Los Angeles, Cal.
Henderson, Max Meredith, 1st Lt., Anaheim, Cal.
Hoedt, Fred Otto, 1st Lt., 1820 McAllister St., San Francisco, Cal.
Husted, R. Paul, 1st Lt., Y. M. C. A., Fresno, Cal.
Jordon, Benjamin Arnett, (Colored), 1st Lt., 1103½ Central Ave., Los Angeles, Cal.
Kausen, Harold Charles, 1st Lt., 2701 Benvenne Ave., Berkeley, Cal.
Knight, Rufus, 1st Lt., 1006 W. 42d St., Los Angeles, Cal.
Kolander, Conrad C., 1st Lt., Kingsbury, Cal.
Lemon, George B., 1st Lt., 22 John St., Salinas, Cal.
Levin, David Berl, 1st Lt., 561 Waller St., San Francisco, Cal.
Lussier, Norman Albert, 1st Lt., 94 The Uplands, Berkeley, Cal.
McDowell, Arthur Roscoe, 1st Lt., 344-144 St., San Francisco, Cal.
Mitchell, Fred Leroy, 1st Lt., Ontario, Cal.
Nall, Hubert B., 1st Lt., Long Beach, Cal.
Prather, Alan Crompton, 1st Lt., 4008½ W. 17th St., Los Angeles, Cal.
Prince, Frank Romaggi, 1st Lt., 1314 Hotel Vista del Arroyo, Pasadena, Cal.

Reese, Ben Lavelle, 1st Lt., 208 E. 16th St., Los Angeles, Cal.
Rogers, Guy, 1st Lt., 1831 Chester Ave., Bakersfield, Cal.
Schuchard, Leo William, 1st Lt., 176 Belvedere St., San Francisco, Cal.
Schwamm, John Anthony, 1st Lt., Box 172, Maricopa, Cal.
Scott, Saxon Bird, 1st Lt., San Anselmo, Cal.
Scruggs, Jack Erwin, 1st Lt., Sultana, Cal.
Simonton, Francis Vance, 1st Lt., 2260 B Market St., San Francisco, Cal.
Simonton, George William, 1st Lt., 747 2d Ave., San Francisco, Cal.
Stewart, Marshall Bruce, 1st Lt., 3317 N. Griffin Ave., Los Angeles, Cal.
Stoker, John Oral, 1st Lt., Parlier, Cal.
Sunderland, Egbert, 1st Lt., 1825½ S. Van Nees Ave., Los Angeles, Cal.
Tierney, Francis Charles, 1st Lt., Hotel Sutter, Oakland, Cal.
Torassa, George L., 1st Lt., 3750 Telegraph Ave., Oakland, Cal.
White, Sherman Aloysius, 1st Lt., 51 Hillway Ave., San Francisco, Cal.
Wright, Garland White, 1st Lt., 218 Washington Ave., Richmond, Cal.
Wyatt, Claude William, 1st Lt., 256 Herman St., San Francisco, Cal.

COLORADO

Bamford, Paul Walden, 1st Lt., 1021 17th Ave., Denver, Colo.
Beal, Joseph Edwin, 1st Lt., 1463 Gapalago St., Denver, Colo.
Burch, Harold Kenneth, 1st Lt., Aspen, Colo.
Gilbert, George Lorn, 1st Lt., Goodnight & Prairie Aves., Pueblo, Colo.
Grant, Harry Arthur, 1st Lt., 253 Acoma St., Denver, Colo.
Roberts, Stanley Jenkin, 1st Lt., Canon City, Colo.
Schwab, John Nicholas, 1st Lt., 2824 Decatur St., Denver, Colo.
Sinton, James Joseph, 1st Lt., Colorado Springs, Colo.
Smith, Barton Edwin, 1st Lt., Yuma, Colo.
Wester, Ernest Nathan, 1st Lt., 1340 Arapahoe, Denver, Colo.

CONNUECTICUT

Brinton, Malcolm Hulbert, 1st Lt., 205 Mansfield St., New Haven, Conn.
Byrnes, Joseph Francis, 1st Lt., 812 E. Main St., Waterbury, Conn.
Crowell, Eldon Lewis, 1st Lt., Middletown, Conn.
Doolittle, Winthrop Toppliff, 1st Lt., Pond Point, Milford, Conn.
Fanslowe, William Frederick, 1st Lt., 337 Blake St., New Haven, Conn.
Goldberg, Abraham, 1st Lt., 86 Ward St., Hartford, Conn.
Hefferan, Harry Howard, 1st Lt., 6 Isaac St., Norwalk, Conn.
Hillis, William A., 1st Lt., 22 Lafayette Place, Greenwich, Conn.
Kravutske, Victor Herbert, 1st Lt., 369 Pine St., Bridgeport, Conn.
Kupperstein, Joseph, 1st Lt., 563 Garden St., Hartford, Conn.
Lilliendahl, John Renatus, 1st Lt., Stamford, Conn.
McKenna, Leo Francis, 1st Lt., 64 Park St., Willimantic, Conn.
McLaughlin, Albert A., 1st Lt., 409 Security Bldg., Bridgeport, Conn.
MacEntee, John Lawrence, 1st Lt., 119 Main St., Wethersfield, Conn.
Mara, Clarence William, 1st Lt., South Manchester, Conn.
Mendillo, James Vincent, 1st Lt., 120 Bristol St., New Haven, Conn.
Nichols, Charles Judson, 1st Lt., 235 Norman St., Bridgeport, Conn.
O'Connell, John F., 1st Lt., Norwich, Conn.
O'Connell, John Stanley, 1st Lt., 834 State St., New Haven, Conn.
Ollayos, William J., 1st Lt., Westport, Conn.
O'Neil, Thomas Francis, 1st Lt., 438 Williams St., New London, Conn.
Ragan, Francis Joseph, 1st Lt., 229 Sigawrney St., Hartford, Conn.
Rosenthal, Maxwell Jack, 1st Lt., 561 State St., Bridgeport, Conn.
Salerno, Francisco M., 1st Lt., Bristol, Conn.
Toplitske, Edward Adam, 1st Lt., 889 Howard Ave., New Haven, Conn.

DELAWARE

Cannon, Charles Robinson, 1st Lt., Georgetown, Del.
Duffy, William Anthony, 1st Lt., 907 West St., Wilmington, Del.
Mechling, Floyd Vincent, 1st Lt., Newark, Del.
Outten, Lawrence Randolph, 1st Lt., Laurel, Del.

GEORGIA

Belyeu, Frank Lafayette, 1st Lt., Atlanta, Ga.
Butler, Robert Max, 1st Lt., 27 Jones St., East Savannah, Ga.
Carter, W. Quinten, 1st Lt., Odum, Ga.
Crogman, Leonidas Chase, (Colored), 1st Lt., Clark University, Atlanta, Ga.
Donaldson, Lawton Lester, 1st Lt., Quitman, Ga.
Duncan, Clarence Amburs, 1st Lt., 336 W. Broad St., Savannah, Ga.
Ellis, Marvin M., 1st Lt., Calhoun, Ga.
Graves, Antoine, (Colored), 1st Lt., 116 Howell St., Atlanta, Ga.
Harrison, Joseph Lee, 1st Lt., Gainesville, Ga.
Holcomb, Benjamin Franklin, 1st Lt., Clermont, Ga.
Kirkley, George Cleveland, 1st Lt., Cartersville, Ga.
Peters, James Chipmon, 1st Lt., Milltown, Ga.

Portwood, Eulaus Thomas, 1st Lt., Crawfordfordville, Ga.
Roberson, Robert Carter, 1st Lt., Graymont, Ga.
Saunders, Roy Howard, 1st Lt., Colquitt, Ga.
Sipple, Charles Henry, 1st Lt., 217 Duffy St., W. Savannah, Ga.
Smith, Dwight Lyman, 1st Lt., Cuthbert, Ga.
Strickland, John Rowland, 1st Lt., Whiteburg, Ga.
Watkins, Charles Lewneal, 1st Lt., Zubelon, Ga.
Williamson, Henry Wilburn, 1st Lt., Albany, Ga.
Wilson, Farris Holmes, 1st Lt., Barnesville, Ga.
Wilson, James French, 1st Lt., Savannah, Ga.

FLORIDA

Christopher, Nina King, (Colored), 1st Lt., 78 Park Place, St. Augustine, Fla.
Fleming, Ewell Arthur, 1st Lt., Laurel Hill, Fla.
Hunter, Rufus Young, 1st Lt., High Springs, Fla.
Jordan, Julian Wayman, 1st Lt., 111 N. Brerard Ave., Tampa, Fla.
Parker, Albert William, 1st Lt., Mulberry, Fla.

IDAHO

Heer, Frank S., Jr., 1st Lt., 1122 State St., Boise, Idaho.

ILLINOIS

Aicher, Francis James, 1st Lt., McHenry, Ill.
Bancherel, Clarence Eugene, 1st Lt., 3904 Indiana Ave., Chicago, Ill.
Barber, Walter Crossett, 1st Lt., Downers Grove, Ill.
Bigler, John A., 1st Lt., East Moline, Ill.
Birtwistle, John Edward, 1st Lt., St. Charles, Ill.
Black, Merle Thomas, 1st Lt., 31 W. Lake St., Chicago, Ill.
Bommerscheim, Earle Ferdinand, 1st Lt., 2205 Cleveland Ave., Chicago, Ill.
Bowden, G. Leonard, 1st Lt., 5823 N. Clark St., Chicago, Ill.
Brown, James Scott, 1st Lt., 744 Buckingham Place, Chicago, Ill.
Cannon, James Harry, 1st Lt., 5417 S. Ellis Ave., Chicago, Ill.
Carlson, John Elmer, 1st Lt., 239 W. 2nd St., St. Charles, Ill.
Chapek, Elmer Haenel, 1st Lt., 3452 Broadway, Chicago, Ill.
Chapman, Harry Henderson, 1st Lt., Jacksonville, Ill.
Cisar, George William, 1st Lt., 3233 W. 22nd St., Chicago, Ill.
Clark, Joseph Schlund, 1st Lt., 6806 Cornell Ave., Chicago, Ill.
Clark, Stanley William, 1st Lt., 6806 Cornell Ave., Chicago, Ill.
Conner, Glen G., 1st Lt., Manville, Ill.
Converse, Albert Edward, 1st Lt., 1346 N. 8th St., Springfield, Ill.
Crouch, Walker M., 1st Lt., Dahlgren, Ill.
Cruse, Milton, 1st Lt., 2202 W. 110th Place, Chicago, Ill.
Daugherty, Frank B., 1st Lt., Peotone, Il.
Dean, Charles Watts, 1st Lt., Carlyle, Ill.
De Largo, Samuel M., 1st Lt., 846 N. Oakley Blvd., Chicago, Ill.
Doten, Herbert Allen, 1st Lt., Woodstock, Ill.
Dunne, Felix Raymond, 1st Lt., 2142 Millard Ave., Chicago, Ill.
Dvorak, Louis J., 1st Lt., 3135 Douglas Blvd., Chicago, Ill.
Fekete, Emery F., 1st Lt., 934 Center St., Chicago, Ill.
Fraser, John Rupler, 1st Lt., 330 S. Lincoln St., Chicago, Ill.
Frazin, Julius, 1st Lt., 3112 Wentworth Ave., Chicago, Ill.
Fuerstenberg, Herbert Saul, 1st Lt., 1806 W. 12th St., Chicago, Ill.
Gilbertson, Oscar Elert, 1st Lt., 506 S. Elmwood Ave., Oak Park, Ill.
Ginsberg, Jacob Laurence, 1st Lt., 1425 S. Ashland Ave., Chicago, Ill.
Goldwater, Manuel, 1st Lt., 1223 Waveland St., Chicago, Ill.
Green, Julius Caesar, (Colored), 1st Lt., 4321 Langley Ave., Chicago, Ill.
Green, Millard Curtis, 1st Lt., Galatia, Ill.
Greenspahn, Irving, 1st Lt., 3639 Douglas Blvd., Chicago, Ill.
Halbert, Lee Voorhees, 1st Lt., 502 Myers Bldg., Springfield, Ill.
Hanralan, Eugene P., 1st Lt., 7115 Constance Ave., Chicago, Ill.
Hanson, Arthur, 1st Lt., 1025 W. 59th St., Chicago, Ill.
Henson, Merda S., 1st Lt., 1740 Greenleaf, Ave., Chicago, Ill.
Hix, Lawrence A., 1st Lt., Winnetka, Ill.
Holland, Theodore Albert, (Colored), 1st Lt., 3807 Vincennes Ave., Chicago, Ill.
Hough, John Francis, 1st Lt., 6437 Lakewood Ave., Chicago, Ill.
Howell, Harry C., 1st Lt., Green Valley, Ill.
Hudson, King Claude, 1st Lt., 6725 Stony Island, Chicago, Ill.
Huntington, Roger Ebinger, 1st Lt., 529 Main St., Evanston, Ill.
Irvin, Edward Bruning, 1st Lt., 25 S. Honore St., Chicago, Ill.
Jahnke, Herbert F., 1st Lt., 1807 Jackson Blvd., Chicago, Ill.
Jaros, Joseph Edward, 1st Lt., 2901 West 25th St., Chicago, Ill.
Johnson, Lawrence Raymond, 1st Lt., 3338 Pierce Ave., Chicago, Ill.
Johnson, Orestes Blake, (Colored), 1st Lt., 243 E. 35th St., Chicago, Ill.
Jung, Leo Henry, 1st Lt., 7041 Greene St., Chicago, Ill.
Khedroo, Khedroo Shappoo, 1st Lt., 1515 Jackson Blvd., Chicago, Ill.

Koch, August Henry, 1st Lt., 2103 N. Albany Ave., Chicago, Ill.

Koppel, Samuel Martin, 1st Lt., 1441 N. Washington Ave., Chicago, Ill.

Krueger, Alonzo, 1st Lt., 1020 Montana St., Chicago, Ill.

Lager, Victor E., 1st Lt., 852 Barry Ave., Chicago, Ill.

Lambert, Morton N., 1st Lt., 5618 Winthrop Ave., Chicago, Ill.

Lebowitz, Abraham Emanuel, 1st Lt., 8442 Green Bay Ave., South Chicago, Ill.

Lepak, Michael Casimir, 1st Lt., 1822 W. Monroe St., Chicago, Ill.

Luebke, Edward, 1st Lt., 1511 N. La Salle Ave., Chicago, Ill.

McConnell, Justin Pearly, 1st Lt., Rinard, Ill.

McCullough, Fred H., 1st Lt., 1908 N. Adams St., Chicago, Ill.

McKean, Harry James, 1st Lt., 1747 W. Harrison St., Chicago, Ill.

McKinley, Clyde Victor, 1st Lt., 237 S. Lincoln St., Chicago, Ill.

McNamara, Paul Francis, 1st Lt., Spring Valley, Ill.

Mariner, William Bernard, 1st Lt., 4373 Archer Ave., Chicago, Ill.

Marks, Rodney Hugh, 1st Lt., 6670 Hartwell Ave., Chicago, Ill.

Marks, William Clyde, 1st Lt., 793 N. Prairie St., Galesburg, Ill.

Mikolas, Joseph Ruppert, 1st Lt., 2244 S. Turner Ave., Chicago, Ill.

Miksicek, Edward Frank, 1st Lt., 708 St. Clair Ave., East St. Louis, Ill.

Miller, Guy Morris, 1st Lt., 818 S. Elmwood Ave., Oak Park, Ill.

Moore, Carroll Lester, 1st Lt., Sparta, Ill.

Morris, Albert, 1st Lt., 615 S. Wood St., Chicago, Ill.

Mullineux, Laurence G., 1st Lt., Chicago, Ill.

Murray, William A., 1st Lt., 717 W. Garfield Blvd., Chicago, Ill.

O'Connell, John Patrick, 1st Lt., Shermerville, Ill.

Pearlman, Abraham James, 1st Lt., 214 E. 37 St., Chicago, Ill.

Pollock, William Andrew, 1st Lt., 1519 E. Marquette Road, Chicago, Ill.

Porter, Franklin, 1st Lt., 5852 S. Halsted St., Chicago, Ill.

Prettyman, Ralph Waldo, 1st Lt., 1200 Thorndale Ave., Chicago, Ill.

Ratner, David Joseph, 1st Lt., 3553 Douglas Blvd., Chicago, Ill.

Richardson, John Herbert, 1st Lt., 634 Berry Ave., Chicago, Ill.

Satek, Edward, 1st Lt., 1855 West 51st St., Chicago, Ill.

Scott, William Dell, 1st Lt., 4048 Broadway, Chicago, Ill.

Shesler, John Thomas, 1st Lt., 633 N. Michigan Ave., Chicago, Ill.

Snoles, Charles George, 1st Lt., 6808 East End Ave., Chicago, Ill.

Sippy, Burne Olin, 1st Lt., 5717 Kimbark Ave., Chicago, Ill.

Smeltzer, Norman R., 1st Lt., 1706 Jackson Blvd., Chicago, Ill.

Smith, William H., 1st Lt., 4530 Racine Ave., Chicago, Ill.

Snyder, Raymond Eugene, 1st Lt., 1900 Montroso Ave., Chicago, Ill.

Stepanek, Charles, 1st Lt., 2448 S. Millard Ave., Chicago, Ill.

Stewart, Moses Ellsworth, 1st Lt., Clinton, Ill.

Strozewski, Waclaw, 1st Lt., 1724 N. Talman St., Chicago, Ill.

Stuck, Leon Gilbert, 1st Lt., 5800 W. Davidson St., Chicago, Ill.

Tark, Leo A., 1st Lt., 1359 N. Campbell Ave., Chicago, Ill.

Tilitsky, Gustave Joseph, 1st Lt., 2314 Jackson Blvd., Chicago, Ill.

Upp, Roscoe W., 1st Lt., 302 S. Ashland Blvd., Chicago, Ill.

Urbanek, Joseph James, Jr., 1st Lt., 2447 S. Willard Ave., Chicago, Ill.

Valentine, Frank B., 1st Lt., 1522 Howard St., Chicago, Ill.

Wach, Charles Edward, 1st Lt., 5326 S. Honore St., Chicago, Ill.

Wagner, William Edward, 1st Lt., Ava, Ill.

Wagner, William M., 1st Lt., Mondola, Ill.

Washburn, F. H., 1st Lt., Carterville, Ill.

Weidner, James Welby, 1st Lt., Farmer City, Ill.

Werninghaus, William Ernest, 1st Lt., 134 Broadway, Melrose Park, Ill.

White, Paul George, 1st Lt., Petersburg, Ill.

Whittington, Adolphus N., 1st Lt., Johnston City, Ill.

Williams, William Ira, 1st Lt., 4119 Washington Blvd., Chicago, Ill.

Wiman, Lester, 1st Lt., Oblong, Ill.

Witous, Charles, 1st Lt., 6003 W. 12th St., Cicero, Ill.

Wollin, Erving Frank, 1st Lt., 1916 Burling St., Chicago, Ill.

Wright, Wiley Andrew, 1st Lt., Oakland, Ill.

Young, William Merki, 1st Lt., 6240 Lakewood Ave., Chicago, Ill.

INDIANA

Applegate, Oliver Clark, 1st Lt., Thornton, Ind.

Bailey, Olin F., 1st Lt., Topeka, Ind.

Bonnett, Roy Wilbur, 1st Lt., 1117 Maple Ave., Terre Haute, Ind.

Bowen, William Don, 1st Lt., W. Middleton, Ind.

Branchla, William Guy, 1st Lt., Warren, Ind.

Bristow, James Albert, 1st Lt., 1003 Hume-Mansur Bldg., Indianapolis, Ind.

Brown, Emmett Isom, 1st Lt., 1301½ N. Senate Ave., Indianapolis, Ind.

Crusius, George Harold, 1st Lt., 315 N. Calvert Ave., Muncie, Ind.
Emerson, Jesse D., 1st Lt., Owensville, Ind.
Garland, Joseph Benson, 1st Lt., Bird's Eye, Ind.
Ginther, Harry E., 1st Lt., Winamac, Ind.
Glaser, Charles S., 1st Lt., Brookville, Ind.
Harrington, Thomas Newell, 1st Lt., 6140 Berlin Ave., St. Louis, Mo.
Jackson, Opal Ison, 1st Lt., Harrodsburg, Ind.
Johnston, O. Kemp, 1st Lt., Harrodsburg, Ind.
Keil, William V., 1st Lt., 1002½ W. Franklin St., Evansville, Ind.
Kelly, William Norman, 1st Lt., Clinton, Ind.
Kemper, John Willard, 1st Lt., 208 S. 6th St., Richmond, Ind.
Kercheval, Leonard Ian, 1st Lt., 101 N. Ohio St., Sheridan, Ind.
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LaRue, F. Wade, 1st Lt., 914 N. Meridian St., Indianapolis, Ind.
Lentz, Frank Conrad, 1st Lt., Lancaster Apts., Gary, Ind.
McWethy, Clifford Rice, 1st Lt., 610 Main St., Lawrenceburg, Ind.
Mann, Paul Wilbur, 1st Lt., Lynn, Ind.
Norman, Eugene Flint, 1st Lt., R. F. D. No. 5, Jasper, Ind.
Rank, Frank, 1st Lt., Cloverdale, Ind.
Reddish, Cyril C., 1st Lt., 401 Peoples' Life Bldg., Frankfort, Ind.
Richer, Cecil Orlando, 1st Lt., Warsaw, Ind.
Scandling, Orville Bennett, 1st Lt., Y. M. C. A., South Bend, Ind.
Scherer, Jack Walter, 1st Lt., 203 N. Arsenal Ave., Indianapolis, Ind.
Shideler, Mark Heber, 1st Lt., Huntington, Ind.
Somers, Ralph Pruner, 1st Lt., Medaryville, Ind.
Steffes, Eugene Quirn, 1st Lt., 4826 Walsh Ave., East Chicago, Ind.
Steinhart, Urban Theodore, 1st Lt., 100 John St., Washington, Ind.
Sullivan, Clement Cyril, 1st Lt., 115 E. Michigan St., Indianapolis, Ind.
Sullivan, Marion Francis, 1st Lt., Indiana Harbor, Ind.
Weir, Charles Paul, 1st Lt., Indianapolis, Ind.
Wilkinson, Lox E., 1st Lt., 117½ N. Jeff. St., Muncie, Ind.
Williams, Paul Everett, 1st Lt., Farmland, Ind.
Wisenbaugh, Ward Charles, 1st Lt., North Liberty, Ind.

IOWA

Beemer, Horace S., 1st Lt., Mason City, Ia.
Bigger, Lew, 1st Lt., Mystic, Ia.
Booher, Wallace J., 1st Lt., Missouri Valley, Ia.
Brown, Max E., 1st Lt., Red Oak, Ia.
Carpenter, Samuel V., 1st Lt., 731 N. Grand St., Chariton, Ia.
Carson, Herbert Earl, 1st Lt., Persia, Ia.
Coy, Herbert D., 1st Lt., Hamburg, Ia.
Denault, Eugene Vincent, 1st Lt., Walnut, Ia.
De Yarman, Leroy Lester, 1st Lt., Winfield, Ia.
Dick, Shellie Elroy, 1st Lt., Stanhope, Ia.
Dolmage, Wm. T., 1st Lt., DeWitt, Ia.
Eason, John Marden, 1st Lt., Sanborn, Ia.
Esser, Joseph Christian, 1st Lt., Remsen, Ia.
Foley, John Joseph, 1st Lt., 508 E. Bloomington St., Iowa City, Ia.
Gilmore, Clark Johnson, 1st Lt., Cedar Falls, Ia.
Grady, Clem Wellington, 1st Lt., Van Horne, Ia.
Guenther, Herbert Johannes, 1st Lt., 1529 Union St., Davenport, Ia.
Hirt, Oscar Elmer, 1st Lt., Bloomfield, Ia.
Huston, Carl Fay, 1st Lt., Russell, Ia.
Jones, Thomas Daniel, 1st Lt., Manson, Ia.
Kelson, Walter John, 1st Lt., New Hampton, Ia.
Kieren, Leo Anton, 1st Lt., New Hampton, Ia.
Kinney, Guy Bark, 1st Lt., Ocheyedan, Ia.
Kline, Loran Lee, 1st Lt., Manson, Ia.
Knodle, Melvin Guy, 1st Lt., Melbourne, Ia.
Kral, Milo George, 1st Lt., Vail, Ia.
Leeds, Benjamin Dunn, 1st Lt., Rock Rapids, Ia.
McClanahan, Glen Law, 1st Lt., Spencer, Ia.
McDevitt, Martin A., 1st Lt., Oelwein, Ia.
Matteson, Clarence E., 1st Lt., New Albin, Ia.
Muir, William Wallace, 1st Lt., Norway, Ia.
Nash, Frederic A., 1st Lt., Moorhead, Ia.
Molyneux, Francis Harrison, 1st Lt., Cherokee, Ia.
Petersen, Alfred Lawrence, 1st Lt., Emmetsburg, Ia.
Reed, Arthur N., 1st Lt., Wapello, Ia.
Schlanbusch, Orville Eugene, 1st Lt., Manville Heights, Iowa City, Ia.
Scholten, John, 1st Lt., Wilton Junction, Ia.
Scott, Lisle Carton, 1st Lt., Emmetsburg, Ia.
Scott, William Dell, 1st Lt., Ida Grove, Ia.
Smith, Junior Manley, 1st Lt., State Center, Ia.
Smith, Roy M., 1st Lt., Iowa Falls, Ia.
Smith, Ray Victor, 1st Lt., 410 N. Governor St., Iowa City, Ia.
Sobolik, Clinton Frank, 1st Lt., Stacyville, Ia.
Tanner, Alfred J., 1st Lt., Schaller, Ia.
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Whiteside, Merle Edmund, 1st Lt., Schaller, Ia.
Whitney, William Glenn, 1st Lt., Eldora, Ia.
Wittrig, David Albert, 1st Lt., 17 E. Harrison St., Iowa City, Ia.
Zadrazil, Joseph, 1st Lt., Iowa City, Ia.

KANSAS

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Bock, Albert Jacob, 1st Lt., Macksville, Kan.
Brooks, Virgil Lee, 1st Lt., Caldwell, Kan.
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Moxley, Roy Newton, 1st Lt., Chapman, Kan.
Neiswanger, Harry Baldwin, 1st Lt., Hays, Kan.
Ramsey, Elmer E., 1st Lt., Uniontown, Kan.
Reed, Claude LeRoy, 1st Lt., Wakefield, Kan.
Saunders, John Charles, 1st Lt., Little River, Kan.
Stewart, Lester William, 1st Lt., White City, Kan.
Warta, Henry James, 1st Lt., Ellsworth, Kan.
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Laird, Arthur McCluer, 1st Lt., Harrods Creek, Ky.
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Beatty, Dan Frank, 1st Lt., Kaplan, La.
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Lynaugh, Edward Aloysius, 1st Lt., Webster, Mass.

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Stankard, Walter Martin, 1st Lt., 81 Exchange St., Waltham, Mass.
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MICHIGAN

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Anderson, Arthur Floyd, 1st Lt., Mears, Mich.
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Brown, Stephens John, 1st Lt., Grand Rapids, Mich.
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Carpenter, Sprague Fenton, 1st Lt., Dearborn, Mich., R. F. D., No. 3.
Dolson, George Cassandria Watrous, 1st Lt., Ionia, Mich.
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MINNESOTA

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Tuttle, Roland Dexter, 1st Lt., King, N. C.
Underwood, Festus Hicks, 1st Lt., Wilson, N. C.
Vails, Claude Uric, 1st Lt., Mooresville, N. C.
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Yates, Warren Franklin, 1st Lt., Chadbourn, N. C.
Yokeley, Karon Mock, 1st Lt., Apex, N. C.

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Hughes, Edmund J., 1st Lt., Langdon, N. D.
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--OF THE--

NATIONAL DENTAL ASSOCIATION

--AT THE--

TWENTY-SECOND ANNUAL MEETING

CHICAGO, ILLINOIS

AUGUST, 1918

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